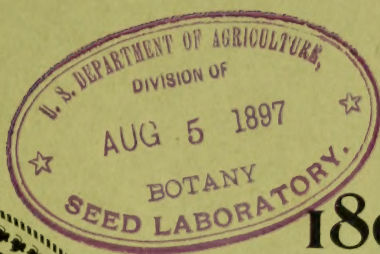


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62.97



1897

**Necessities**

**For Summer  
Decorations**

**and their  
Values.**

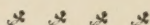
**Whitnall Floral  
Company,**

**Milwaukee, Wis.**





# CUT FLOWERS.



The furnishing of flowers to please our patrons has been our principal care for many years.

The development of the enterprise, started by our firm in 1860, is gratifying to those who are able to look back and take note of the many changes made by us in order to come nearer and nearer to the perfection of service which flower-lovers desire.

The task of providing the varieties of flowers which are now common, in the various shades, and to be delivered on short notice, as fancy may dictate, is a great one when you consider how perishable flowers are. There must be a crop ready daily; the regulation of this requires careful preparation months in advance. The weather and the demand being uncontrollable factors, makes the result at all times uncertain, although long experience has enabled us to make calculations which has reduced the average of waste so much that we are enabled to sell flowers cheaper than ever before. With the increase in production, the division of labor has played an important part, increasing the efficiency of those who grow their favorite flower.

It is due to our personal efforts that Milwaukee has been made a "**Flower Center**" where the product of the many growers are brought together. In this way our business has become the channel in which many industrious people intrust the product of their labors, and in consequence we have dependent on us over forty acres of glass, all of which is skillfully cared for. The average amount of "Fancy Stock" is larger with us than is usual with most florists, while our charges are always low, when you consider our task of serving you every day in the year.

You will readily see that in comparing our merits with others, a general average must be taken to do us justice. "Hap Hazard" florists will frequently offer quantities of flowers for any price for a few days and be unable to fill an order when you want flowers most particularly.

## WHITNALL FLORAL CO.,

438 Milwaukee Street,      ✻   ✻   ✻      MILWAUKEE, WIS.

# WHITNALL FLORAL CO.'S

## GENERAL LIST

OF RELIABLE

# FLOWER SEEDS

✻FOR 1897.✻

Our List has been Carefully Revised and all Inferior Varieties Discarded.

ALL THE VARIETIES HERE OFFERED ARE WORTHY OF GENERAL CULTURE.

---

**ANNUALS** grow, bloom and die the first year from seed.

**BIENNIALS** bloom the second year from seed, and then die; though many, if sown early in the spring, will flower the first year.

**PERENNIALS** usually bloom the second year from seed, and continue to grow and bloom for many years. Some will also bloom the first year if sown early.

**HARDY** Annuals, Biennials and Perennials can be sown in the open ground early in the spring if desired, and Biennials and Perennials will not require any protection in winter.

**HALF HARDY** Annuals, Biennials and Perennials cannot be sown in open ground until settled warm weather, though they can be sown in the house, if desired, early and afterwards transplanted. The two latter need to be protected in the winter, or carried over until spring in cold frames or greenhouses.

ALL FLOWER SEEDS SENT FREE BY MAIL ON RECEIPT OF PRICE.

**WARRANTY.**—We test our seeds and send none out but what we feel sure are good. There are many reasons why the most perfect of seeds do not grow at times. In case they fail to grow for the purchaser, we can in no manner warrant the crop or be responsible for failure.

## WHITNALL FLORAL CO.

438 MILWAUKEE STREET,

COR. OF MILWAUKEE AND MASON STS.

MILWAUKEE, WIS.

J. H. YEWDALE & SONS CO., PRINTERS, MILWAUKEE.



## KEY TO DESCRIPTIONS.

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The numbers placed in front of each name is to save labor and liability of error in ordering.

The asterisk (\*) next to number shows that these plants are grown for the ornamental foliage.

Fl-pl designates flore pleno, meaning double white.

Ely is for plants which bloom early in the season.

M is for plants which bloom in midsummer.

L is for plants which bloom late in season.

### ABBREVIATIONS.

A	represents	annual.
B	"	biennial.
P	"	perennial.
E	"	evergreen.
G	"	greenhouse plants.
S	"	shrubs.
Blb	"	bulbous plants.
h	"	hardy.
h h	"	half-hardy.
t	"	tender.
tra	"	trailing.
cree	"	creeping.

### COLOR ABBREVIATIONS.

ver	represents	vermilion.
str	"	striped.
spd	"	spotted.
sc	"	scarlet.
sul	"	sulphur.
car	"	carmine.
cr	"	crimson.
buf	"	buff.
var	"	variegated.
br	"	brown.
pur	"	purple.
lav	"	lavender.
blk	"	black.
yel	"	yellow.
l	"	light; d, dark.

# FLOWER SEEDS.

☞ Flower Seeds delivered free by mail on receipt of the price stated.

☞ See explanation of abbreviations in key on page 2.

No. and Name.    ¼ oz. at oz. rate only on articles quoted at \$1 per oz. and over.		Ounce.	Pkt.
1	<b>Abronia</b> grandiflora. M, hA, rose, tra.....	.....	\$0 05
2	arenaria, yel.....	.....	5
Elegant trailers. Do best in light, sandy soil. Sow in open ground in May.			
3	<b>Abutilon</b> —Mixed. M L, GS, 4 ft.....	.....	10
Free-growing decorative shrubs, with bright bell-shaped flowers. Suitable either for house, green-house or garden.			
4	<b>Aconitum</b> Napellus (Monk's Hood)—Mixed, 4 ft.....	.....	5
Hardy, popular plants, with panicles of helmet-shaped flowers. Will grow under trees.			
5	<b>Adonis</b> autumnalis. hA, sc, 1 ft.....	\$0 25	5
6	æstivalis. ely, cr.....	25	5
7	vernalis. hP, yel, 1½ ft.....	.....	5
Attractive, bright flowers. No. 5 is intensely red, with black center.			
8	<b>Ageratum</b> Mexicanum. M L, hhA, blue, 1½ ft.....	40	5
9	—album. White.....	50	5
10	—Dwarf White.....	60	5
11	—Little Dorrit. Blue.....	1 00	10
Free-flowering bedding plants of low growth, contrasting well with Geraniums, Perillas and Dwarf Amaranths; much used for bedding and edging.			
12	<b>Agrostemma</b> Cœli-Rosa (Rose of Heaven). hA, rose, 1 ft.....	.....	5
13	—alba. White.....	.....	5
The Rose of Heaven is very free-flowering and easily grown. It is fine for beds. Excellent for naturalizing in dry situations.			
<b>Althæa</b> rosea. See Hollyhock.			
14	<b>Alyssum</b> maritimum. Ely L, hA, white, tra.....	40	3
15	—compactum Dwarf. ½ ft.....	50	3
16	saxatile compactum. M, hP, yel, 1 ft.....	60	5
No. 14 is the well-known Sweet Alyssum, so much used for edging.			
17	* <b>Amarantus</b> Abyssinicus. M L, tA, d. red, 3 ft.....	.....	5
18	*bicolor ruber. red, 2 ft.....	.....	5
19	*cruentus (Prince's Feather). d. red, 3 ft.....	.....	5
20	*salicifolius. pur.....	.....	5
21	*tricolor (Joseph's Coat.) mixed, diff.....	.....	5
22	*Fine Mixed.....	20	3
Strong-growing, highly ornamental plants. The tricolor varieties are very valuable for bedding, having elegant ornamental foliage, variegated crimson, yellow and green; they are also well adapted for growing in pots. For decorations, of course, the finest marked plants should be selected, as seed saved from the finest sorts produces some very inferior plants.			
23	<b>Amethyst</b> , Winged. M, blue.....	.....	10
24	White.....	.....	10
25	Mixed.....	.....	10
(Browallia.) Elegant greenhouse annuals; fine for cutting.			





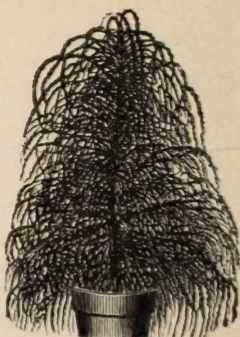
Abronia.



Agrostemma.



Adonis.



Amaranthus Salicifolius.



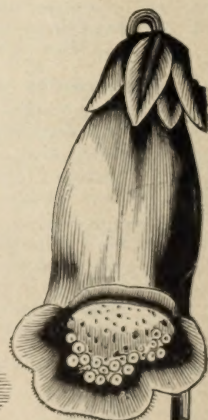
Abutilon.



Aquilegia—Columbine.



Foxglove.





No. and Name.	$\frac{1}{4}$ oz. at oz. rate only on articles quoted at \$1 per oz. and over.	Ounce.	Pkt.
26	<b>Anemone</b> coronaria. Ely, mixed 2 ft. ....	...	5
27	Japonica rosea. L, rose .....	...	10
28	—alba "Honorine Jobert". White. ....	...	25
Very beautiful spring flowers, requiring rich, deep soil. No. 28 has large pure white flowers, invaluable for cutting.			

**Antirrhinum.** See Snapdragon.

29	<b>Aquilegia</b> (Columbine) chrysantha. Ely L, hP, yel, 3 ft. ....	...	10
30	caerulea. Blue .....	...	25
31	Single Mixed. Ely L. ....	...	5
32	Double Mixed. ....	...	5
(Columbine.) Very elegant and free-blooming hardy perennials, suitable for beds, borders or shrubberies; they prefer a moist, sunny situation.			
33	<b>Aralia</b> Sieboldii. M, hhP, white, 3 ft. ....	...	10
Handsome palm-like shrub.			
34	<b>Asperula</b> setosa azurea. M L, hhA, l. blue, 1 ft. ....	...	5
35	odorata (Woodruff). hP, white, 1½ ft. ....	...	5
Sweet-scented, long bloomers; for borders or rock-work.			

36	<b>Asters</b> , Chrysanthemum-flowered—Dwarf Mixed. L, hhA, ....	...	10
37	Truffaut's Pæony Perfection—Snow White. ....	...	10
38	—Crimson .....	...	10
39	Truffaut's Pæony Perfection—Dark Blood Red. L, hhA. d. red, 1½ ft. ....	...	10
40	—Light Blue .....	...	10
41	—Deep Mauve .....	...	10
42	—Mixed .....	1 50	5
43	Victoria, White. 1½ ft .....	...	10
44	—Peach Blossom .....	...	10
45	—Dark Scarlet .....	...	10
46	—Light Blue .....	...	10
47	—Mixed .....	2 50	5
48	Comet .....	...	10
49	Imbricated Pompon, Mixed .....	2 00	10
50	Candelabra White, Branching .....	...	10
51	Triumph, Dark Scarlet .....	...	10
52	Mixed Crown .....	2 50	10
53	—Non Plus Ultra .....	...	10
54	—Victoria Needle. 1 ft. ....	...	10

(Callistephus.) The common name is from Aster, a star, in allusion to the shape of the flower-heads. The genus is very large, containing over 200 species, but we offer here only the choicest double sorts. The special attention given of late to the cultivation of the Aster has resulted in the production of many truly magnificent varieties. Among them we may mention the Victoria, which produces the most beautiful and perfectly formed flowers, and is also the best for pot culture; the Triumph, deep scarlet, are very effective for bedding or pot culture. The Truffaut class is remarkable for its large incurved flowers and the brightness of the colors. Imbricated Pompon are very handsome, and most suitable for bouquets. In this latitude Asters should be sown from the middle of April to the first part of May, on a spent hotbed or in pots or shallow boxes, in a frame or in the house. When an inch high, they should be transplanted into fine soil, spread over a discarded hotbed, whence they can be bedded out when three or four inches high. This should be done before or during showery weather. Asters do finely sown in the open ground from the middle to the last of May. The only objection to this mode is their late and short duration of flowering. They can also be grown in pots successfully. Use fine and rich soil, and keep well watered.

55	<b>Balsams</b> —Double White. hhA. ....	1 00	5
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No. and Name.	¼ oz. at oz. rate only on articles quoted at \$1 per oz. and over.	Ounce.	Pkt.
56	<b>Balsams</b> —Finest Mixed..... (Impatiens.) These are magnificent and popular summer-flowering annuals, producing masses of most perfectly formed and brilliantly colored flowers in the greatest profusion. They prefer a rich, sandy soil, and must be kept well watered. Transplanting two or three times has a tendency to dwarf them and make the flowers more double. Sow in the open ground in May.	75	5
57	<b>Bartonia aurea.</b> hA, yel, 3 ft..... Golden yellow flowers; very fragrant in the evening.	40	5
58	<b>Begonia</b> —Single Tuberous-rooted. ElyL, gP, mixed, 2 ft.....	....	15
59	Double Tuberous-rooted.....	....	35
60	*Rex, Ornamental-leaved. ½ ft.....	....	25
61	—"Vernon," Red, for borders..... Fine for growing in pots, being perfect in habit, with very handsome foliage. Excellent for edgings.	....	10
<b>Bellis perennis.</b> See Daisy.			
62	<b>Bidens atrosanguinea.</b> M L, hA, d. red, 2 ft..... Showy, like the Calliopsis.	....	5
<b>Blue Bottle.</b> See <i>Centaurea Cyanus</i> .			
63	<b>Brachycome iberidifolia.</b> L, hhA, pur, 1 ft.....	....	5
64	alba. white.....	....	5
65	—Mixed..... (Swan River Daisy.) For edgings. Should be started in hotbed.	....	5
66	<b>Browallia elata.</b> M, gA, blue, 2 ft.....	....	10
67	—alba. white.....	....	10
68	—Mixed.....	....	10
69	Rozli (fine for pots). white..... (Amethyst.) Elegant greenhouse annuals; fine for cutting. 69 has large, lovely flowers, some white, some pale blue.	....	25
70	<b>Cacalia Mixed</b> ..... (Tassel Flower.) Very pretty annuals; easily grown.	....	5
71	<b>Calandrinia discolor.</b> M L, hA, rose, ½ ft.....	50	5
72	speciosa. pur, ¼ ft.....	30	5
73	umbellata. hhP, violet, ½ ft..... Brightly colored little plants, fine for edgings; plant in sunny situations.	....	5
74	<b>Calceolaria hybrida</b> —Large-flowered, self-colored. gP, mixed, 2 ft..	....	25
75	—Tigered and Self-colored, Mixed. 2 ft..... Splendid greenhouse plants, with flowers beautifully striped, blotched and variegated. Our seeds are saved from the finest varieties.	....	25
76	<b>Calendula officinalis.</b> hA, yel, 1 ft.....	....	5
77	—Meteor, Prince of Orange.....	25	5
78	pluvialis. white.....	25	5
79	Pongei fl. pl.....	40	5
("Pot Marigolds.") Very showy, free-flowering, hardy annuals; very effective in backgrounds, beds or mixed borders. No. 76 is a very fine light yellow, large-flowered, double sort.			
80	<b>Calliopsis marmorata.</b> hA, r & y.....	30	5
81	grandiflora. yel, 3 ft.....	....	10
82	Drummondii hA, y & br, 1 ft.....	30	5
83	lanceolata. hP, yel, 1 ft.....	1 00	10
84	Mixed. hA, 2 ft.....	30	5
(Coreopsis.) Very showy annual or perennial plants, easily cultivated in ordinary soil. They are abundant in bloom, and of bright, attractive colors. C. lanceolata and C. grandiflora are fine for cutting.			



No. and Name.	¼ oz. at oz. rate only on articles quoted at \$1 per oz. and over.	Ounce.	Pkt.
85	<b>Callirhoe involucrata.</b> Ely L, hP, c & w, tra.....	.....	5
86	pedata. hA, v & w, 2 ft.....	50	5
Free-flowering, of pretty colors. Start in frame early.			
87	<b>Campanula carpatica.</b> Ely, hP, blue, ½ ft.....	.....	5
88	Medium Mixed.....	.....	5
89	— calycanthema. hB, blue.....	.....	5
90	— Mixed.....	.....	5
91	pyramidalis †hhP, blue, 4 ft.....	.....	5
(Canterbury Bells.) One of the best known plants grown in the garden. The hardy perennials, if sown early in good soil, will bloom early the next season. The first one on the list is very fine for edgings and beds. All the varieties are fine old plants, and should be grown extensively.			
92	<b>Candytuft</b> Iberis coronaria, Rocket. white.....	25	5
93	— — "Empress", white.....	60	5
94	— odorata.....	25	5
95	— umbellata carnea. flesh.....	40	5
96	— Mixed Annual. Ely M, hA, 1 ft.....	25	3
Showy annuals for beds or edgings; several are sweet-scented. They can be sown at any time in the house or open ground. The dwarf varieties are good bedders, and useful for cutting as well; largely grown by florists, especially the white varieties, for floral work, for which they are very well adapted.			
97	* <b>Canna,</b> Dark-leaved. Ely M, gP, mixed, 4 ft.....	40	5
98	*Fine Mixed.....	20	5
99	*Crozy's Finest Mixed. 3½ ft.....	75	10
Cannas, or Indian Shot, are very ornamental, and much employed in sub-tropical gardening for groups and masses. With rich soil and a sheltered situation they will flower freely through the summer and late into the autumn. The Crozy varieties are famous for the beauty and size of their flowers. They are excellent for forcing and pot-work, and their flowers present quite new shades of color. All the sorts are also very effective indoors.			
<b>Canterbury Bells.</b> See Campanula.			
100	<b>Carduus Benedictus.</b> M, hA, yel, 2 ft.....	.....	5
"Blessed Thistle;" pretty.			
101	<b>Carnation</b> (Dianthus)—Tree or Perpetual, fl. pl. Ely L.....	.....	25
102	Extra Choice Double "Standard".....	1,000 seeds, \$2.00	50
103	Margaret Half-Dwarf Rose. †hhP, rose.....	.....	25
104	— White.....	.....	25
105	— Violet.....	.....	25
106	— Mixed.....	1 50	10
Saved from the finest collections of Germany. Grown in pots and in good soil, no flowers can be finer or more worthy of general cultivation. Are very fragrant, and present great diversity and brilliancy of coloring. The culture of seedlings is very interesting. The "Half-Dwarf Margaret" is specially adapted for outdoor culture, flowering in five months from time of sowing, and is remarkable for the richness and profusion of its flowers, as well as for its vigorous growth. It is also suitable for pot-culture, flowering the first season from seed.			
<b>Caster Oil Plant.</b> See Ricinus.			
<b>Catchfly.</b> See Silene.			
107	<b>Celosia Huttoni</b> (dark foliage). L, tA, claret.....	.....	5
108	Ostrich Feather Crimson.....	.....	10
109	— Orange.....	.....	10
Fine for vases; splendid foliage plants. Nos. 108 and 109 produce very large plumes, which are curved and curled in resemblance of an ostrich feather.			



Brachycome.



Bellis Perennis.



Campanula Carpatia.



Convolvulus.



Cosmos Hybridus.



Balloon Vine.



Balsam.



Candytuft.





Carnation.



Portulaca.



Browallia.



Centaurea Gymnocarpia.



Cyperus.



Cyclamen.



Begonia Rex.



Celosa.



Centaurea Candidissima.



Centaurea Cyanus.

No. and Name.    ¼ oz. at oz. rate only on articles quoted at \$1 per oz. and over.

Ounce.    Pkt.

**Celosia cristata.** See Cockscomb.

110	* <b>Centaurea candidissima.</b> hhP, white, 1 ft. ....	1,000 seeds, \$1.00	....	10
111	* <b>clementei.</b> M L, .....	1,000 seeds, .50	....	10
112	* <b>gymnocarpa.</b> L, .....		80	10
113	<b>odorata</b> Chameleou.    M, var. ....		....	10
114	— <b>Margaritæ.</b> white. ....		....	10
115	<b>Cyanus</b> (Cornflower).    hA, blue, 1½ ft. ....		30	5
116	— <b>Emperor William.</b> .....		30	5
117	— <b>Victoria Dwarf Compact.</b> ¾ ft. ....		....	10
118	— <b>Mixed.</b> 1½ ft. ....		25	5
119	— <b>Double Mixed.</b> .....		....	5

Nos. 110, 111 and 112 are silver-leaved plants, fine for ribbon borders and edging of beds. The "Victoria" is a new miniature cornflower; very fine for pots and edgings. Chameleon and Margaritæ are superb new sorts, with very large and fragrant flowers; fine for cutting. The others are showy plants when in bloom. For other Centaureas, see Sweet Sultan.

120	<b>Chorizema varium.</b> Ely L, G S, sc, 3 ft. ....		....	25
A fine greenhouse plant.				

121	<b>Chrysanthemum</b> (Annual)— <b>coronaria</b> , Double White.    M L, hA, 1½ ft. ....	40		5
122	— <b>Yellow.</b> .....	40		5
123	— <b>Mixed.</b> .....	40		5
124	<b>multicaule</b> (fine bedder).    ¼ ft. ....		....	5

The annual Chrysanthemums are showy, free bloomers and should be grown in gardens in large beds, where they will show their bright colors finely. Perfectly hardy and very desirable. C. multicaule is a valuable bedding plant.

125	<b>Chrysanthemum</b> (Annual)— <b>frutescens</b> (Paris Daisy) .....		....	10
C. frutescens is the Paris Daisy, or "Marguerite."				

**Chrysanthemum** (Perennial)—

126	<b>Indicum grandeflorum.</b> L, hP, mixed, 3 ft. ....		....	10
127	<b>japonicum.</b> .....		....	10
128	— <b>From finest flowers.</b> .....		....	25
129	— <b>pompon.</b> 1½ ft. ....		....	10

These are the celebrated sorts of the autumn shows that attract so much attention; bloom late in fall.

130	<b>Cineraria hybrida</b> , Splendid Mixed.    Ely, †G P, mixed, 2 ft. ....		....	25
131	— <b>Large-flowered Prize.</b> 2 ft. ....		....	50

132	<b>Cineraria maritima.</b> M, hhP, yel. ....		40	5
-----	--	--	----	---

Among the most ornamental and useful of greenhouse plants, colors being distinct and bright. The seeds we offer are saved from the finest named flowers. C. maritima is the popular "Dusty Miller."

132½	<b>Clarkia</b> — <b>pulchella</b> , Mixed, Single or Double. ....		30	5
------	---	--	----	---

Very pretty, free flowering, and of easy cultivation. A bed of these, especially the double varieties, is very beautiful. They are useful as edging plants, or for vases and hanging baskets.

133	<b>Cockscomb</b> — <b>Empress</b> , Dwarf Crimson.    M L, ¾ ft. ....		....	10
134	<b>Golden Dwarf.</b> .....		....	10
135	<b>Glasgow Prize.</b> cr, 1 ft. ....		....	10
136	<b>Mixed.</b> M L, .....		1 00	5

(Celosia.) If grown in good, rich soil, the heads will be large, full, bright colored and very pretty. Can be preserved for winter bouquets by cutting off the heads before they are ripe, and drying in the house.

137	* <b>Coleus</b> (Fine hybrids).    G P, 2 ft. ....		....	10
Splendid bedding plants, with beautifully colored foliage. Very useful for decorative purposes.				



No. and Name.	¼ oz. at oz. rate only on articles quoted at \$1 per oz. and over.	Ounce.	Pkt.
<b>Columbine.</b> See <i>Aquilegia</i> .			
138	<b>Convolvulus</b> Major. Ely L, hA, mixed, 15 ft.....	....	5
Morning Glory, one of the most free-flowering and rapid growing vines in cultivation; thrives in almost any situation.			
139	Japanese varieties. Ely L, hA, mixed 30 ft.....	....	10
The Japanese are particularly beautiful.			
140	* <b>Cordyline</b> indivisa. L, G S, white, 4 ft.....	....	10
Beautiful foliage for vases commonly called Dracineas.			
<b>Coreopsis.</b> See <i>Calliopsis</i> .			
<b>Cornflower.</b> See <i>Centaurea Caynus</i> .			
141	<b>Cosmos</b> , White Pearl. M L, 3 ft.....	75	5
142	Pink Pearl.....	75	5
143	Roseta, Mammoth Pink.....	....	10
144	Erlinda, Mammoth White.....	....	10
145	Conchita, Mammoth Crimson.....	....	10
146	Improved New Yellow.....	....	25
147	Mixed.....	50	5
Showy autumn bloomers; much admired and very valuable. Nos 143, 144 and 145 are a new improved strain, producing very large flowers, with beautifully lined petals.			
<b>Cyclamen giganteum</b> —			
148	—album "Mont Blanc". Ely, G Blb, white, ¾ ft.... 100 seeds \$1 50	....	25
149	—atropurpureum. d red..... 100 seeds 1.50	....	25
150	—superbum. w & r..... 100 seeds 1.50	....	25
151	—robustum. w & d r..... 100 seeds 1.50	....	25
152	—hybridum. c & w..... 100 seeds 1.50	....	25
153	—roseum, bright rose..... 100 seeds 1.50	....	25
154	—"Emperor William II." r. & s. (Colossal fringed flowers of bright rose color, tinted with scarlet).....	....	50
The seed of the "Giganteum" varieties here offered is of the magnificent strain of the German Imperial Gardens, and was collected for us. The seed produces bulbs, from which lovely flowers are produced in twelve months' time; very fine for pot culture in parlor or conservatory.			
155	<b>Cyperus alternifolius.</b> tP, apricot, 2 ft.....	....	25
Umbrella Plant. Perennial greenhouse or window plant of elegant habit.			
156	<b>Dahlia</b> , Fine Double. L, †hhP, mixed, 6 ft.....	75	10
157	Pompon Double.....	....	10
158	Dwarf Single, fine strain. 1½ ft.....	1 25	10
159	Jules Chretien, very dwarf. sc, 1 ft.....	1 50	10
All the varieties are fine. Jules Chretien is a new, very dwarf single strain, growing from 10 to 15 inches high, and flowering the first season from seed. It is a valuable bedding sort, flowering through the summer from June to October in great profusion. Also fine for pots.			
160	<b>Daisy</b> , Double White. Ely, †hP, ¼ ft.....	5 00	25
161	Double Rose Longfellow.....	....	25
162	Double finest collection. mixed.....	5 00	25
163	Double Snowball. white.....	....	25
(Bellis perennis.) The poet's favorite; very popular flowers.			
164	<b>Datura cornucopia.</b> Ely M, hhA, w & pr.....	....	10
165	fastuosa, Double White.....	....	5
Very showy and large, trumpet-shaped flowers. No. 164 has immense flowers, beautifully colored in purple and white.			
166	<b>Delphinium</b> (Larkspur)—Cashmerianum. M L, †hP, blue, 3 ft.....	....	10
167	elatum, Bee, Blue. †hP, 3 ft.....	50	5
168	—Mixed.....	50	5

No. and Name.		¼ oz. at oz. rate only on articles quoted at \$1 per oz. and over.	Ounce.	Pkt.
169	<b>Delphinium</b> formosum. †hP, blue, 3 ft.....		75	10
170	hybridum fl. pl. Finest double sorts. mixed.....			50
171	nudicaule. sc, 1 ft.....			10
Very ornamental, free-blooming, hardy plants, of erect, branching habit ; they are quite effective in masses or mixed borders, being very rich and varied in colors. The taller sorts are fine for shrubberies, and the dwarf varieties for beds. They are easily cultivated, but for special attention they return splendid results. The soil should be dug deep and a liberal supply of well-rotted manure incorporated, to obtain the best growth.				
<b>Dianthus.</b> See Pink, Carnation and Picotee.				
<b>Digitalis.</b> See Foxglove.				
172	<b>*Dracæna</b> Draco. M, G P, white, 10 ft.....			25
173	*indivisa lineata.....	100 seeds, 20c, 1,000 seeds, \$1.00		10
174	*rubra. red, 5 ft.....			25
175	*Veitchii. white, 3 ft.....			25
See Cordyline. Ornamental greenhouse plants, with elegant leaves ; very rich and desirable.				
176	<b>Echeveria</b> secunda. M, G P, yellow, ¼ ft.....			25
177	metallica.....			25
178	superba.....			25
Interesting greenhouse succulents, which are largely used for "carpet" bedding.				
179	<b>Eschscholtzia</b> Mixed.....		30	5
Large, vase-shaped flowers of bright colors, continuing long in bloom ; excellent for borders or bedding, and very showy. Are also fine when grown in pots.				
180	<b>Ferns</b> —Mixed.....			25
Most graceful plants ; do best in sandy, peaty soil.				
<b>Feverfew.</b> See <i>Matricaria</i> .				
<b>Flax.</b> See <i>Linum</i> .				
181	<b>Forget-me-not</b> ( <i>Myosotis</i> )—alpestris. †hhP, blue, tra.....		75	10
182	—Rosea. rose.....			10
183	—alba. white, ½ ft.....		90	10
184	palustris Ely M, †hP, b & w, ¾ ft.....			10
All are beautiful and much prized for spring gardening. The <i>Myosotis palustris</i> is the true "Forget-me-not" of Europe. All the species are favorites, being early-flowering and easily grown. They prefer a moist situation.				
185	<b>Foxglove</b> ( <i>Digitalis</i> ), white. M, 2 ft.....			5
186	Large-flowered. Ely M, 1 y, 1½ ft.....			5
186½	Rose.....			5
187	Purple.....			5
187½	Mixed, div.....		30	5
<i>Digitalis</i> —from digitus, a finger, referring to the shape of the flowers. The Foxgloves are showy for backgrounds and borders, and are beautiful when planted among shrubs : they thrive in any ordinary garden soil.				
188	<b>Four O'Clock</b> , Hybrid. tA, 2 ft.....		20	5
189	longiflora alba. M, white.....		25	5
190	Variegated-leaved M L. mixed.....		20	5
191	Tom Thumb, White. 1 ft.....		30	5
192	Tom Thumb, Mixed.....		30	5
(Mirabilis) Called Four O'Clocks because they open their blossoms at that hour in the afternoon. They are also known as "Marvel of Peru" Handsome, free-flowering, sweet-scented ; blossoms variegated, striped and various colors.				



No. and Name.    ¼ oz. at oz. rate only on articles quoted at \$1 per oz. and over.		Ounce.	Pkt.
193	<b>Gaillardia</b> amblyodon. M L, †hhP, fine r, 2 ft.....	....	5
194	grandiflora maxima. golden.....	....	10
195	pieta Salmon Red.....	....	5
196	—Mixed.....	40	5
Showy and free bloomers. They are good bedders, very beautiful; fine for bouquets, and should be more generally cultivated. They do best in a good, light soil.			
197	<b>Geranium</b> (Zonale). Ely L, gP, sc, 1½.....	1 25	10
198	Double Scarlet.....	....	50
199	Apple-scented. pink.....	....	25
Saved from fine named varieties; especially fine colors. See also Pelargonium.			
200	<b>Gilia</b> Mixed. Ely M, hA, 1 ft.....	20	5
Free-blooming Annuals, fine for beds. Will bloom in any situation, look well on lawn in beds, are good for rockeries, and can be planted at any season.			
201	<b>Glaucium</b> luteum. M L, †hP, yellow, 2 ft.....	....	5
Horned Poppy. Showy border plants, with gray foliage.			
202	<b>Gloxinia</b> hybrida. Mixed. Ely L.....	....	50
203	—grandiflora "Defiance" (new). sc.....	....	50
Beautiful greenhouse plants. They grow well in a light, rich soil. Defiance is of an intense, glowing scarlet, and one of the finest of recent introductions.			
204	<b>Godetia</b> Mixed. hA, 1½ ft.....	....	5
All the varieties are fine, profuse-blooming, hardy Annuals of beautiful colors. Can be grown in pots.			
<b>Golden Feather.</b> See <i>Pyrethrum</i> .			
205	<b>Grevillea</b> robusta. Ely M, G S, orange, 5 ft.....	90	10
206	<b>Gypsophila</b> elegans. Ely M, white.....	30	5
207	—rosea. rose.....	30	5
208	muralis. hA, pink, ½ ft.....	50	5
209	paniculata. hP, white, 2 ft.....	40	5
Fine for bouquets. Free bloomers for rockwork or shrubbery, and will grow in any soil.			
210	<b>Heliotropium</b> Fine Mixed.....	1 50	10
(Heliotrope.) These well known greenhouse and bedding favorites are highly valued for their scented flowers. They should have light, rich soil.			
211	<b>Hollyhock</b> , Double White. †hP, 4 ft.....	1 00	10
212	Black, White Margin. 4 ft.....	1 00	10
213	Bronze Black.....	1 25	10
214	Crimson.....	1 00	10
215	Salmon.....	1 25	10
216	Orange Yellow.....	1 25	10
217	Mixed, very fine.....	75	10
(Althæa rosea.) These magnificent double varieties are grown from Chater's celebrated collection, which is admitted to have entirely revolutionized the popular estimation of the Hollyhock. They are of the finest shades of color, and in every respect most desirable. May be sown as late as August, to flower the following year.			
218	<b>Honesty</b> (Lunaria biennis.) †hB, pur, 2 ft.....	....	5
Pretty plants, with curious silvery silicles.			
<b>Iberis.</b> See Candytuff.			
219	<b>Ice Plant</b> (Mesembryanthemum crystallinum). M L, tA, white, ½ ft..	50	5
Covered with watery vesicles resembling pieces of ice.			



Cobea.



Canna.



Dianthus or Pinks.



Dahlia Zimpani.



Dianthus or Pinks.



No. and Name.	¼ oz. at oz. rate only on articles quoted at \$1 per oz. and over.	Ounce.	Pkt.
<b>Larkspur.</b> See Delphinium.			
220	<b>Lemon Verbena.</b> M L, G P, white. Fine lemon-scented foliage.	....	10
221	<b>Linaria</b> Cymbalaria (Kenilworth Ivy). hP, violet, tra..... Snapdragon-shaped flowers, and very good for rockwork.	....	5
222	<b>Linum</b> flavum. †hhP, yellow, ¾ ft.....	....	10
223	grandiflorum rubrum. hhA, cr..... (Flax.) Handsome, free-flowering plants. The tender kinds make pretty pot plants.	20	5
224	<b>Lobelia</b> cardinalis. M, hP, sc.....	....	10
225	Erinus gracilis. Ely L, †hhP, tra.....	....	5
226	— alba, white, tra.....	....	10
227	— erecta, "Crystal Palace". ½ ft.....	....	25
All the Lobelias are suitable for beds, edgings and ribbon borders. L. gracilis is fine for hanging baskets or vases. L. E. speciosa and its varieties are the finest edging plants, and contrast beautifully with scarlet Geraniums. These should have a rich, open soil, and be provided with plenty of manure-water when beginning to flower.			
228	<b>Love-Lies-Bleeding.</b> cr, 3 ft..... (Amarantus caudatus.) Graceful, showy flowers, of tall habit.	20	5
229	<b>Love-in-a-Mist.</b> Ely M, blue, 1 ft.....	25	5
230	White Double.....	25	5
231	Mixed, all sorts..... (Nigella.) Curious and ornamental; Fennel-leaved; easily grown and hardy.	25	5
232	<b>Madia</b> elegans. M, hA, 1 yel, 2 ft..... Handsome flowers; should be in a shady position.	40	5
233	<b>Marigold, African.</b> hA, lem, 2 ft.....	50	5
234	—Mixed.....	50	5
235	— El Dorado. yel.....	60	5
236	—Pride of the Garden. yel.....	....	10
237	Dwarf Striped. 1½ ft.....	50	5
238	French. orange, 1 ft.....	50	5
239	—Mixed.....	40	5
(Tagetes.) Saved from finest double flowers. They are highly ornamental in the fall. The dwarf varieties are useful for bedding. "Pride of the Garden" is a new, very dwarf variety of regular, compact habit and extra large double flowers of a beautiful golden yellow color. See also Calendula.			
<b>Marvel of Peru.</b> (Mirabilis.) See Four O'Clock.			
240	<b>Matricaria</b> eximia plena. hA, white, 2 ft..... (Feverfew.) Pretty and neat; small double flowers.	....	5
241	<b>Mesembryanthemum</b> tricolor. Ely M, tA, ½ ft.....	....	5
242	—album, white.....	....	5
243	—cordifolium variegatum. tP, yel.....	....	25
244	—crystallinum. M L, tA, white.....	50	5
Beautiful dwarf edging plants, flowering profusely in dry and sunny situations. Fine for pot culture. 244 is the well-known "Ice Plant."			
245	<b>Mignonette</b> Reseda odorata, hA, w and bf, 1 ft.....	45	5
246	—grandiflora.....	15	5
247	— —Crimson Queen.....	30	5
248	— —Machet, Dwarf. ¾ ft.....	60	10

No. and Name.    ¼ oz. at oz. rate only on articles quoted at \$1 per oz. and over.		Ounce.	Pkt.
249	<b>Mignonette</b> —Giant Pyramidal. red, 1 ½ ft.....	20	5
The well-known "Frenchman's Darling." Highly scented and very desirable, flowering freely. If wanted in winter, seeds should be sown in July. Machet is fine for pot growing, having large and numerous spikes of red flowers.			
250	<b>Mimosa pudica.</b> tA, pink.....	75	5
(Sensitive Plant.) Very odd.			
251	<b>Mimulus cardinalis.</b> Ely M, †hP, sc, 1 ½ ft.....	....	10
252	hybridus cupreus. Ely M, hA, mixed.....	...	10
253	tigrinus. Ely L, spot, 1 ft.....	1 50	10
(Monkey Flower.) Very showy, musk-scented, and free flowering. The hardy kinds are well suited for borders. Any common soil suits. See also Musk Plant.			
<b>Monk's-Hood.</b> See <i>Aconitum</i> .			
<b>Morning Bride.</b> See <i>Scabiosa</i> .			
254	<b>Musk Plant.</b> Ely L, tA, yel, ½ ft.....	....	10
Musk-scented Mimulus.			
<b>Myosotis.</b> See <i>Forget-me-not</i> .			
255	<b>Nasturtium</b> (Dwarf Tom Thumb) Yellow. M L, hA, ¾ ft.....	15	5
256	—Beauty. y and scr.....	20	5
257	—Spotted.....	15	5
258	—Black.....	15	5
259	—Crimson.....	15	5
260	—Golden Cloth.....	20	5
261	—Empress of India. cr.....	20	5
262	—Mixed.....	15	5
(Tropæolum.) Beautiful bedding plants. Planted in poor soil, they flower profusely, and for a long time. The colors of the flowers cannot be excelled. The dwarf varieties should be planted so that they will contrast either with white or blue flowers. The foliage is also beautiful, being generally dark green. Empress of India is a splendid variety, with very dark foliage and beautiful crimson flowers.			
263	<b>Nemophila insignis.</b> blue.....	20	5
264	Mixed. div.....	20	5
This genus consists of very pretty annuals of easy growth; they deserve extensive cultivation; are good in pots and edgings, in rockeries or in the garden.			
265	<b>Nicotiana affinis</b> (fragrant). hhA, 3 ft.....	....	5
266	colossea. 10 ft.....	....	25
Plant bearing coral berries. Species of tobacco; valuable as decorative plants; deliciously fragrant flowers.			
<b>Nigella.</b> See <i>Love-in-a-Mist</i> .			
267	<b>Oxalis</b> Valdiviana. M, tP, yel, ½ ft.....	....	10
Charming little plants.			
268	<b>Pansy</b> *Black "Faust". Ely L, hA, ½ ft.....	1 25	10
269	*Lord Beaconsfield. violet.....	1 25	10
270	Meteor, bright brown.....	3 00	25
271	*Emperor William. blue.....	1 25	10
272	*Light Blue.....	1 00	10
273	Five-blotched (Odier). spot.....	6 00	25
274	*Mixed.....	3 00	25
275	Yellow Gem (pure).....	2 00	10
276	*candidissima "Snow Queen". white.....	1 25	10



No. and Name.  $\frac{1}{4}$  oz at oz, rate only on articles quoted at \$1 per oz and over.

Ounce. Pkt

277	*Pansy Thorburn's Superb Large Strain mixed.....	6 00	25
278	*Mixed .....	1 25	10

(Viola tricolor; Heart's-ease.) Most of the varieties are saved from fine, choice flowering plants. They cannot be surpassed in color or blooming qualities. They should be carefully cultivated, and will richly pay for good treatment in their large flowers and foliage. The seeds should be sown early in autumn, if large flowers are expected, and preferably in a frame. If sown in spring the flowers will not be as large as from seed sown in autumn. 277 is the richest and most choicely varied mixture ever offered. It produces only the handsomest colors and finest forms, and these in great diversity. Those marked thus (\*) are best for bedding, but all the others also do well for this purpose if planted out early in the spring.

**Paris Daisy.** See *Chrysanthemum frutescens*.

279	<b>Petunia hybrida</b> Large-flowered, superbissima, tiger throat. mixed..	....	50
280	—Thorburn's Superb Giant .....	....	25
281	—Superb, single, mixed.....	....	10
282	—Fringed Mixed.....	....	25

These are well-known, very ornamental plants, producing freely fragrant and beautiful flowers, and continuing a long time in bloom. They do well in the garden, house or conservatory, and will thrive in almost any sort of soil. The newer varieties are of brilliant colors and fine form. Thorburn's Superb Giant is a strain of great merit. The flowers are very large and extremely deep-throated, and some of them are exquisitely penciled and beautifully fringed.

283	<b>Phlox Drummondii</b> , Mixed. 1 ft.....	50	5
284	grandiflora, Chamois Rose.....	....	10
285	—Half-Dwarf Blood Red. $\frac{1}{4}$ ft.....	....	10
286	—Crimson Bouquet.....	....	10
287	—Black-brown.....	....	10
288	—coccinea, se, 1 ft.....	....	10
289	—alba, white.....	....	10
290	—Mixed.....	75	5

The name is from phlox, flame, in allusion to the general brilliancy of the flowers. This is a very elegant genus of flowering plants, being highly colored, especially P. Drummondii, an annual, the varieties of which are of the brightest colors. A bed of these will be highly prized for good habit, richness of color and duration and profusion of bloom. All grow well in pots or as trailers. By making two or more sowings, they will flower till frost. Should be grown in rich, loamy soil, and given plenty of water. Especially fine effects may be had by planting masses of contrasting colors.

291	<b>Picotee</b> , Extra Fine Mixed.....	....	50
292	Mixed.....	....	10

From showy varieties. Very rich and beautiful, and finely perfumed; few flowers are more attractive.

293	<b>Pink</b> (Dianthus). Chinensis Double Mixed. $\frac{1}{4}$ B, 1 ft.....	40	5
294	Heddewegii, Single. mixed .....	75	5
295	—Double Mixed.....	75	10
296	—diadematus, Double. mixed.....	1 25	10
297	—Lacinated Single, mixed.....	75	5
298	—“Double, “.....	1 25	10
299	plumarius, “Pheasant's Eye,” fringed, 1 ft.....	50	5
300	—Single Mixed Pink.....	40	5
301	—Semi-double Grass Pink.....	....	10

(Dianthus.) Beautiful and ornamental genus; for beauty and sweetness contains some of the most prized flowers we possess. The leaves of the hardy perennials are green all winter. Many can be grown in pots and kept in the house. No garden should be without some of the varieties of the Dianthus family, which for color and fragrance cannot be surpassed. Pinks succeed well in any fairly rich soil, but when the production of large flowers is aimed at, a bed of turfy loam, leaf-mould and well decomposed manure should be specially prepared for them.

No. and Name.		¼ oz. at oz. rate only on articles quoted at \$1 per oz. and over.	Ounce.	Pkt.
302	<b>Poppy</b> <i>Papaver bracteatum</i> , red.....		...	5
303	— <i>Orientele</i> , †hP, d. red.....		...	10
304	— <i>The Shirley</i> (a fine and distinct race), mixed, hA.....		75	10
305	— <i>glaucum</i> ( <i>Tulip Poppy</i> ), sc, 1¼ ft.....		...	10
306	— <i>pavonium</i> ( <i>Peacock</i> ), sc and b.....		...	5
307	— <i>umbrosum</i> , hA, cr, 1½ ft.....		...	5
308	— <i>Danebrog</i> , sc and w.....		...	5
309	— <i>Mikado</i> , wta.....		...	5
310	<i>Paeony</i> flowered, Mixed.....		20	5

(*Papaver*.) Very showy and free-flowering. For beds or borders, with a background of green, they are beautiful; admirable for naturalizing in woody spots. The *Shirley* is fine for cut-flower use, having long flower stems and a not unpleasant odor. Seed should be kept from forming, to secure continuous flowering. They are easily cultivated, the most suitable soil being a sandy loam. 305 is called the "Tulip Poppy," on account of the intensity and brilliancy of its flowers, resembling the scarlet *Duc van Thol* Tulips.

311	<b>Portulaca</b> — <i>Crimson</i> , M L, ta, ½ ft.....		...	5
312	<i>Red Carnation-striped</i> .....		...	5
313	<i>Thellusonii</i> , sc.....		...	5
314	<i>Pink</i> .....		...	5
315	<i>albiflora</i> , white.....		...	5
316	<i>Thorburni</i> , yel.....		...	5
311	<i>Mixed</i> .....		50	5
318	<i>Double Mixed</i> .....		...	10

These cannot be rivaled for the brilliancy and delicacy of their colors, and are very effective in beds, edgings or rock-work. The double flowers are very beautiful, many of them resembling miniature roses. The seed of these always contains many single flowers, which bloom earlier than the double ones and may in this way all be pulled out before the double ones come into flower. *Portulacas* bloom best in a light, sandy soil. They will not germinate till hot weather sets in, and seed should therefore be sown late.

319	<b>Primula</b> <i>Sinensis fimbriatru rubra</i> , G P, fr. red, ¾ ft.....		...	25
320	— — <i>Bright red</i> .....		...	25
321	— — <i>alba</i> , white.....		...	25
322	— — <i>Mixed</i> .....		...	25
323	— — <i>Double, Mixed</i> .....		...	75
324	<i>obconica</i> , M, †G P, white, ½ ft.....		...	25

From *primus*, first, referring to their early flowering. The Chinese *Prim-roses* (*Primula Sinensis*) are fine for winter and spring blooming; they are free-flowering, and especially valuable for cut-flowers or for house and window culture; a cool place suits them best. The seeds are saved from the finest colors and largest flowers. The seed should be sown in light soil, but for the final potting a richer soil is necessary, consisting of two parts loam to one each of well-decayed manure and leaf-mold. They require to be well ventilated, well watered and slightly shaded throughout the summer.

325	<b>Pyrethrum</b> <i>roseum</i> , Double, Mixed, M L, hP.....		...	25
326	<i>Tchihatchewii</i> , Ely L, white.....		...	5
327	<i>Parthenium aureum</i> , M L, yel, ½ ft.....		...	5

The last one, known as *Golden Feather*, are fine for edgings. No. 327 makes a moss-like tuft.

328	<b>Ricinus</b> <i>Borbonienis</i> , M, hhA, violet, 15 ft.....		15	5
329	<i>Africanus</i> , div, 8 ft.....		...	5
330	<i>Gibsoni</i> , violet, 5 ft.....		...	5
331	<i>Cambodgensis</i> (dark), 5 ft.....		40	5
332	<i>Mixed</i> , 6-8 ft.....		15	5

The *Caster Oil* plants are free-growing, tender annuals; very ornamental, and quite tropical in appearance when planted singly on lawns; also much used for centers of subtropical beds. 331 is the handsomest and most graceful *Ricinus*, with foliage and stem nearly black.





Cucurbita.



Gloxinia.



Datura Fatuosa.



Fancy Nasturtiums.



Primula.



Heliotrope.



Marigold El Dorado.



Maurandia Barclayana.

No. and Name.      ¼ oz. at oz. rate only on articles quoted at \$1 per oz. and over.		Ounce.	Pkt.
<b>Rose Campion.</b> See <i>Agrostemma coronaria</i> .			
<b>Rose of Heaven.</b> See <i>Agrostemma cœli-rasa</i> .			
333	<b>Salpiglossis</b> —Dwarf Mixed, ½ ft. ....	60	5
334	Tall Mixed, 1 ft. ....	60	5
These annuals have very showy, large, funnel-shaped flowers, mottled, veined and self-colored; fine for beds. They require a rich soil, and will well repay liberal treatment.			
335	<b>Salvia</b> —patens. M, †tP, blue. ....	....	25
336	splendens. L, †hhP, sc, 2 ft. ....	1 50	10
Sage plants are well known for their brilliant colors, and no plants can be finer for bedding, particularly the splendens varieties. They are easily grown, free-flowering and showy.			
337	<b>Scabiosa candidissima.</b> M L, 2½ ft. ....	....	5
338	—Double Snowball. ....	....	5
339	Mixed Tall. ....	40	5
340	Dwarf Double Mixed. 1½ ft. ....	40	5
The Mourning Bride is a showy border plant, with beautifully variegated flowers. It succeeds in ordinary garden soil.			
341	<b>Sensitive Plant.</b> M L, tA, pink. ....	75	5
(Mimosa.) Pretty and curious.			
342	<b>Silene Armeria.</b> Ely M, hA, red, 1 ft. ....	....	5
343	—alba white. ....	....	5
344	—Mixed. ....	20	5
345	pendula. hA, red, 1 ft. ....	....	5
(Catchfly.) Bright-colored, free-flowering annuals, suitable for rock-work or open border. S. pendula is largely grown for spring flower garden-ing. They succeed in any light, loamy soil.			
346	<b>Snapdragon</b> Delila, carmine and white. M, hP, 1½ ft. ....	....	5
347	Galathee, crimson and white. ....	....	5
348	Striped. ....	....	5
349	Firefly, scarlet and white. ....	....	5
250	White. ....	....	5
351	Yellow. ....	....	5
352	Mixed. ....	50	5
353	Fine Dwarf Mixed. ½ ft. ....	50	5
The Antirrhinum is one of the finest border perennials. The Tom Thumb strain is admirably adapted for bedding, being very dwarf and free-flowering. Light soil, well enriched with manure, is most suitable for them.			
354	<b>Stocks</b> (German Ten-Weeks). Dwarf Snowflake Forcing. Ely M, hhA, white, 1 ft. ....	....	25
355	White Dresden Perpetual. ....	....	25
356	"Cut-and-Come-Again". ....	3 00	10
357	Dwarf Large-flowering. White. ....	4 00	10
358	—Canary Yellow. ....	....	10
359	—Blood Red. Blood. ....	....	10
360	—Carmine. ....	....	10
361	—Rose. ....	....	10
362	—Light Blue. ....	4 00	10
363	Mixed. ....	3 00	5
(Mathiola) These seeds are saved from the finest double varieties. Unsurpassed for bedding, massing, edging or pot-culture, being very free and long bloomers, and of much diversity and brilliancy of color. They are also very attractive in form, and richly fragrant. The double white sorts are largely used in summer for bouquets and floral work. In this latitude Stocks should be sown from the middle of March to the first part of May, on a spent hotbed or in pots or shallow boxes, in a frame or in the house; and when an inch high, they should be transplanted into fine soil, which should be spread over a discarded			





Obconica Primula.



Vicia Rosen.



Papaver Dan's Dog



Phlox.



New Single Fringed Petunias.







Pansy Seed.



Sweet Pea.



Ricinus Major.

## SWEET PEAS IN MIXTURE.

		Per oz.	Per ¼ lb.	Per ½ lb.	Per lb.
390	<b>Whitnall's Special Mixed</b> —Comprising the finest Eckford and other new and choice large-flowering varieties.....	\$0 10	\$0 35	\$0 60	\$1 00
391	<b>Eckford's Mixed</b> —Composed of Eckford's varieties only.....	10	15	25	75

No. and Name.      ¼ oz. at oz. rate only on articles quoted at \$1 per oz. and over.      Ounce.      Pkt.

392	<b>Sweet William</b> —Mixed Single..... ( <i>Dianthus barbatus</i> ) A very popular free-flowering favorite, producing large heads of beautiful colored flowers. Very effective for bedding.	30	5
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**Tassel Flower.** See *Cacalia*.

393	<b>Torenia Fournieri.</b> tA, pur, 1 ft.....	25	
394	—“White Wings”.....	25	
395	Bailloni. yel.....	25	

For borders and baskets; is golden yellow, with deep red throat; is fine for pots

396	<b>Venus' Looking-glass</b> —Ely M, hA, blue, ¾ ft.....	25	5
397	White.....	5	

(*Specularia*) Pretty; good edging plant.

398	<b>Verbena hybrida</b> —Scarlet. M L, hhP, sc, tra.....	10	
399	—Defiance.....	10	
400	Blue Black, white eye. bl and w.....	10	
401	candidissima (pure white).....	10	
402	Mammoth Mixed.....	2 50	10

All of this genus are extremely beautiful and ornamental, flowering profusely, either as pot-plants or in the garden. Our seeds are saved from fine named varieties, and will produce healthy plants, with flowers of fine colors.

403	<b>Verbena</b> ( <i>Aloysia</i> ) <i>citriodora</i> . G P, white, 3 ft..... (Lemon Verbena.) Scented leaves.	10	
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404	<b>Vinca alba</b> (pure white). tP.....	10	
405	rosea rose.....	10	
406	—alba. ro and w.....	10	
407	—Mixed.....	10	

Fine for conservatory, parlor windows and borders or beds; very pretty.

408	<b>Wallflower.</b> Ely L, tP, br, 1 ½ ft.....	40	5
409	Mixed.....	40	5

(*Cheiranthus Cheiri*.) Favorite sweet-scented flowers, of fine colors; useful as spring bedders.

410	<b>Whitlavia grandiflora.</b> hA, pur.....	40	5
411	—alba white.....	40	5

Pretty bell-shaped flowers; free-flowering.

412	<b>Zinnia</b> —Double. Mixed.....	30	5
413	—Tom Thumb, Mixed.....	40	5

Fine bedding and border plants, blooming long and abundantly. Beds of these are greatly admired. The colors are varied and bright, and the plants easily grown. Should be more extensively cultivated, as the varieties have been much improved of late.





Torenia.



Zinnia Elegans Not. Ord Composite.



Thunbergia Elata.



Sweet William.



Mignonette.



Verbena.



Stocks

# Ornamental Gourds and Fruit-Bearing Vines and Plants.

No. and Name.    ¼ oz. at oz. rate only on articles quoted at \$1 per oz. and over.		Ounce.	Pkt.
414	<b>Balsam Pear and Apple.</b> See Momordica, below.		
415	<b>Coccinia</b> Indica. M L, 6 ft.....	.....	10
	Oblong fruit, marked with white lines, turning scarlet.		
416	<b>Cucumis</b> erinaceus (Hedge-hog Gourd). hhA, yel, 8 ft.....	.....	5
417	acutangulus (Rag Gourd). M.....	.....	5
418	flexuosus (Snake Cucumber). M L, 10 ft.....	.....	5
419	grossulariæforms (Gooseberry Gourd). M, 6 ft.....	.....	5
420	odoratissimus (Pomegranate Melon).....	.....	5
421	perennis (very fine). M L, hhP, 15 ft.....	.....	5
	Of extremely rapid growth, and bears curious fruits. 417 is the Rag or Dish-cloth Gourd, the peculiar interior of which is useful in the kitchen when properly prepared.		
	<b>Cucurbita.</b> See Gourds.		
422	<b>Echinocystis</b> lobata (Wild Cucumber). gr, 12 ft.....	.....	10
423	<b>Gourds,</b> Mock Orange. M, tA, yel, 15 ft.....	.....	5
424	Egg-shaped.....	.....	5
425	Apple-shaped.....	.....	5
426	Pear-shaped.....	.....	5
427	Onion-shaped.....	.....	5
428	Hercules' Club. 15 ft.....	.....	5
429	Sugar Trough.....	.....	5
430	lagenaria (Bottle Gourd).....	.....	5
431	—Miniature.....	.....	5
432	Powder-horn.....	.....	5
433	Dipper.....	.....	5
434	Melopepo (Miniature). 10 ft.....	.....	5
435	—Striped. 12 ft.....	.....	5
440	Mixed. 10–15 ft.....	.....	5
	Excellent for covering verandas or trellis-work, and for training over arbors, fences, etc. Of very rapid growth, with curious fruits and highly ornamental foliage. Cultivate the same as melons and squashes.		
441	<b>Momordica</b> balsamina. M L, yel.....	.....	5
442	Charantia.....	.....	5
143	Elaterium. (Squirting Cucumber).....	.....	5
	The well-known Balsam Pear and Balsam Apple.		
444	<b>Phaseolus</b> multiflorus. M L, tA, sc, 15 ft.....	.....	5
	(Scarlet Runner Bean.)		
445	<b>Scotanthus</b> tubiflorus. L, tP, white.....	.....	25
	Bears pretty fruit.		
446	<b>Solanum,</b> White Egg-plant. tA, 1 ft.....	.....	5
447	Scarlet Egg-plant.....	.....	5
448	Striped Egg-plant. 2 ft.....	.....	5
	The Solanums are very ornamental fruit-bearing plants, and thrive best in light, rich soil. All are worth cultivating.		
	<b>Squirting Cucumber.</b> See Momordica Elaterium.		
449	<b>Trichosanthes</b> colubrina. L, 4 ft.....	.....	10
450	coccinea. M, yel.....	.....	10
451	palmata. L, white.....	.....	10
	(Snake Gourd.) So called from the shape of its fruit.		



## VINES AND CREEPERS.

No. and Name.	¼ oz. at oz. rate only on articles quoted at \$1 per oz. and over.	Ounce.	Pkt.
<b>Wild Cucumber.</b> See <i>Echinocystis lobata</i> .			
452 <b>Adlumia</b> cirrhosa. M, hB, pink, 15 ft. ....	Beautiful climber.	....	10
455 <b>Balloon Vine.</b> M L, hhA, w and gr, 10 ft. ....	( <i>Cardiospermum</i> .) Very pretty.	20	5
454 <b>Calampelis</b> scabra. L, thP, orange, 6 ft. ....	Fine for trellis.	....	10
455 <b>Canary-bird Flower.</b> M L, hhA, yel, 10 ft. ....	One of the best old favorites.	50	5
456 <b>Centrosema</b> grandiflora. Ely M, hP, var, 6-8 ft. ....	("Butterfly Pea.")	....	10
457 <b>Clematis</b> flammula. White, 15 ft. ....		....	5
458 <i>paniculata</i> . M L, 8-40 ft. ....		....	5
459     Large-flowering hybrids. Mixed, var. ....	( <i>Virgin's Bower</i> .) Very fragrant.	....	10
460 <b>Cobaea</b> scandens. thP, pur, 20 ft. ....		75	10
461     — <i>alba</i> . White. ....		....	25
Rapid-growing; start in the house.			
462 <b>Convolvulus</b> aureus superbus. hhA, gold, 5 ft. ....		....	10
463 <i>major</i> (Morning Glory). hA, mixed, 10 ft. ....		15	5
464 <i>Mauritanicus</i> . hP, blue, trai. ....		....	10
464½     Japanese Morning Glory. ....		....	10
Pretty, and fine for baskets, except the Morning Glory, which is good for screens.			
<b>Cypress Vine.</b> See <i>Ipomoea Quamoclit</i> .			
465 <b>Dolichos</b> Lablab. hA, pur, 10 ft. ....		15	5
466     — <i>alba</i> . White. ....		15	5
467     —Mixed. ....		15	5
468 <i>gigantea</i> . White. ....		....	5
( <i>Hyacinth Bean</i> .) Rapid-growing and free-flowering; good for screens.			
469 <b>Humulus</b> japonicus. L, tA, green, 15-20 ft. ....		....	10
470     — <i>variegatus</i> . ....		....	10
(Climbing Hop.) Has beautifully variegated foliage.			
471 <b>Ipomoea</b> coccinea. M L, hA sc, 10 ft. ....		15	5
472 <i>Mexicana</i> grand, alba L, white, 15 ft. ....		60	10
473 <i>bona nox</i> (Good Night) M L. ....		20	5
474 <i>Quamoclit</i> (Cypress Vine). tA, sc, 10 ft. ....		30	5
These are very beautiful, free-blooming plants of the Morning Glory family, and useful for covering verandas, trellis-work, etc. No. 472 is the so-called "Moon Flower."			
I. <i>Quamoclit</i> is the well-known Cypress Vine; has very beautiful, bright flowers, and is deservedly popular.			
475 <b>Lathyrus</b> —Everlasting Pea. White, M, hP, 8 ft. ....		....	10
476     —Scarlet. ....		40	5
See also Sweet Peas, page 20. Handsome perennials, producing beautiful flowers.			

No. and Name.    ¼ oz. at oz. rate only on articles quoted at \$1 per oz. and over.		Ounce.	Pkt.
477	<b>Lophospermum</b> scandens. M L, tP, d ro, 8 ft. .... Trumpet-shaped flowers.	....	10
478	<b>Maurandya</b> antirrhiniflora. Ely L, †gP, pur. ....	....	10
479	Barclayana, bl and white. ....	....	10
480	alba, white. ....	....	10
481	Emeryana rosea, rose. ....	....	10
482	purpurea grandiflor, pur. ....	....	10
483	Mixed. ....	....	10
Abundant bloomers, and very desirable for the greenhouse and garden. Should be in every collection.			
<b>Moon Flower.</b> See Ipomœa Mex. grandifl' a alba.			
484	<b>Nasturtium</b> (Tall)—Blood-colored, M L, hA, d. 5 ft. ....	15	5
485	Orange. ....	15	5
486	Yellow. ....	15	5
487	Scarlet. ....	15	5
489	Rose. ....	15	5
490	Striped. ....	15	5
491	—coccineum, sc. ....	15	5
492	Mixed... per lb., \$1.25. ....	10	3
(Tropœolum majus.) Very good for screens or stone walls; all are very showy in flower, and desirable acquisitions to gardens.			
493	<b>Smilax</b> (Myrsiphyllum asparagoides). gP, white, 6 ft. .... Extensively used for floral decorations; very pretty foliage.	75	10
494	<b>Thunbergia</b> . Mixed, 5 ft. .... Very ornamental climbers and abundant bloomers. They are also very effective as bedding plants, if a little pains be taken with them. Thrive best in a rich compost of fibrous loam and sand.	40	5
495	<b>Tropæolum</b> Canariense—Lobblanum. yel, 10 ft. ....	50	5
486	—Mixed. ....	20	5
The Canary Bird Flower. These are very beautiful improved Nasturti- ums, of most brilliant colors. Fine for either the conservatorp or out- door decoration. Thrive in light, rich soil. See also Nasturtium.			

## BULBS.

	Each.
<b>Oxalis</b> —White. ....	3
“ —Purple. ....	3
“ —Pink. ....	3
<b>Pancratium Caribbaeum</b> —Spider lily, white. ....	20
<b>Spotted Callas</b> —(Richardi Alba Maculata). ....	15
<b>Caladium or Elephant's Ears</b> —Small size. ....	8
“ “ “ “ —Large size. ....	15
<b>Begonias Tuberous rooted</b> —Single, seperate colors. ....	15
“ “ “ “ —Single, mixed colors. ....	10
<b>Lilies Auratum</b> —Small size. ....	10
“ “ —Large size. ....	15
“ <b>Speciosum Roseum</b> . ....	15
“ <b>Album</b> . ....	15
<b>Tigrinum</b> (Tiger Lily)—Orange red spotted black. ....	10
<b>Tenuffolium</b> (Siberian Lily)—Scarlet. ....	30





Amaryllis.



Caladium Esculentum.

## AMARYLLIS.

Each.

<b>Formosissima</b> —Intense velvety crimson; a most striking color and flower. This will certainly please any lover of flowers. The shape and color are most striking.....	\$ for 25c \$0 40
<b>Vittata</b> —A sturdy race of this charming bulb. Most of the finest named varieties were produced by hybridizing this variety. Finest mixed variety.....	40
<b>Belladonna</b> —Pink and white....	30
<b>Apios Tuberosa</b> —A good climber. Closely resembling the common wisteria in vine and foliage with clusters of purple flowers..	10
<b>Cinnamon Vine</b> .....	15
<b>Lily Valley</b> —Clumps.....	25
<b>Glorinias</b> —Mixed color.....	20
<b>Maderia Vine</b> .....	5
<b>Milla Biflora</b> —Wavy white flowers.....	5

## GLADIOLUS.

### FIRST CLASS VARIETIES.

	Per doz.	Per 100.
<b>Fine Mixture of colors</b> .....	\$0 40	\$3 00
<b>Lemoine Hybuds, fine mixed</b> .....	50	4 00
<b>Scarlet and Red Varieties</b> .....	30	2 00
<b>Pink Varieties</b> .....	40	3 00
<b>Striped and Variegated</b> .....	50	4 00
<b>White and Light</b> .....	60	4 50
<b>Yellow Varieties</b> .....	60	4 50

### NAMED VARIETIES.

	Each.	Per doz.
<b>Mad Moneret</b> —Delicate Rose.....	\$0 05	\$0 50
<b>Brenchleyensis</b> —Scarlet vermillion....	5	50
<b>Isaac Buchanan</b> —Best yellow.....	10	1 90
<b>Shakespeare</b> —White, tinged rose.....	10	1 00
<b>La Candeur</b> —White, striped with violet..	10	1 00
<b>John Bull</b> —White tinted sulphur.....	5	50
<b>Eugene Scribe</b> —Large, fine rosy color..	10	1 00
<b>May</b> —White with rose.....	5	50

### TUBEROSES.

<b>Excelsior Pearl Variety</b> .....	3	2 00
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Double Pearl Tuberose.



Dahlias

**DAHLIAS.**

Price 20 cts. each ; \$2.00 per dozen.

**A. D. Levoni**—Pink.

**Camelleaflora**—White.

**Bomards**—Yellow.

**Kate Haslam**—Clear Pink.

**Floral Park Jewell**—Maroon and White.

**Imbricata Alba**—Dwarf White.

**Mary Eustice**—White, flesh center.

**Miss Thatcher**—Best Yellow.

**Margaret Bruautt**—Pure White.

**Zulu**—Cactus, Purple Maroon.

**Nymphaea**—Cactus, Pink.

**VINE BULBS.**

**Cinnamon Vine**, 5 cts. each; 50 cts. doz.

**Day Blooming Moore Flower**, 5 cts. each; 50 cts. doz.

**Apio Tuberosa**—A good climber, closely resembling the common wisteria in vine and foliage, 10 cts. each.

**Maderia Vine**, 3 cts. each.

**Mexican Morning Glory**, 5 cts. each.

**OTHER BULBS.**

**Tigridias**—Yellow, crimson or white, 5 cts. each; 40 cts. doz.

**Hyacinthus Candicans**—Pure white, bell-shaped flowers, 5 cts. each; 40 cts. doz.

**Iris**—German, 75 cts. each.

“—Japan, mixed sorts, 15 cts. each.

**White Amaryllis (Hymenocallis)** 25 cts. each.



A Group of Tigridias.



# Our Standard Dozen of Well-tried Cannas.



Canna Queen Charlotte

The collection offered below consists entirely of standard well-tried varieties, all of them are introductions of recent years and have been tested under all conditions. We can recommend these for all purposes, especially for massing in large quantities. Our large stock enables us to offer them at a very low price

**Alphonse Bouvier.** Of the many crimson varieties yet introduced this is, all points considered, probably the grandest and most effective. It is a remarkably luxuriant grower, attaining a height of from 6 to 7 feet in rich soil. In color it is a rich brilliant crimson, almost approaching scarlet when it first opens, changing to a deep dazzling crimson as the flowers fully develop.

**Admiral Avellan.** We consider this the best of all the dark varieties. The flowers, while not as large as some of the latest introductions, are of good size, with heavy strong petals which open out evenly, forming a clean pretty flower; these are arranged sufficiently far apart on the stems to show up each individual flower; it is of a rich orange-scarlet color, overlaid with salmon in such a manner as to give the whole a peculiarly rich luminous appearance. The habit of the plant we consider ahead of all the dark-foliage varieties, being erect growing about 5 feet high and always forming fine symmetrical plants. There is a clean appearance about this variety difficult to describe, different from all other dark-foliage sorts.

**Ami Pichon.** This may be called an improvement on Explorateur Crampel, to which it is similar in style of flower and color, though brighter in its markings than that standard variety. The flowers, which are of a very large size, are of a bright crimson with very deep crimson markings, the habit of the plant is strong, of symmetrical growth, about 5 feet high, with rich deep green foliage.

**Charles Henderson.** A grand variety of a fine crimson color that has become very popular. While it is not quite as rich in color as Alphonse Bouvier, its habit of growth is much more compact, rarely exceeding 3½ feet in height, which makes it a desirable companion to such varieties as Florence Vaughan and Madame Crozy.

**Egandale.** A most excellent variety with bronzy foliage and soft currant-red flowers which are thrown well above the foliage, one of the best of its type, attains a height of about 4 feet.

**Florence Vaughan.** Undoubtedly one of the finest yellow spotted varieties yet sent out; in color it is of a bright rich golden yellow, spotted with bright red; the flowers, which are of the largest size, of great substance and of perfect form, are borne in large heads and in the greatest profusion; the foliage is massive and of a rich green color; the plants rarely exceed 3 feet in height.

**F. Neuvesel.** This is a splendid sort of a soft pleasing shade of carmine; of good size and excellent habit, the foliage is dark green with bronzy markings, it is of strong robust habit growing 4½ feet high. Nery effective.

**Madame Crozy.** The flowers of the well-known and popular variety are of a dazzling crimson scarlet, bordered with golden yellow. The plant is of vigorous growth yet dwarf in habit, rarely exceeding 4 feet in height. Foliage bright green and very massive. The flowers are produced on large branching stems which are closely set with bloom, each stem being really a bouquet in itself.

**Paul Marquant.** One of the most pleasing on account of its large size and entirely distinct color. The flowers stand out from the spike separately in such a manner as to attract special attention. Its color is frequently compared in softness to an Orchik, is of a bright salmon scarlet, passing to a rosy carmine with a peculiar silvery lustre, which lights up the salmon very brightly. 3 to 3½ feet in height.

**Queen Charlotte.** Considered by many the finest of all the gilt-edged varieties. The plant attains a height of about 3 feet and is furnished with heavy bluish green foliage; the enormous flower-spikes, towering grandly above the foliage, bear a beautiful bouquet of large flowers of perfect form, with petals of a rich scarlet crimson, broadly banded with bright canary yellow. 3 feet high.

**Rose Unique.** The nearest approach to a rose color yet introduced, of a remarkably vigorous but dwarf growth, attaining a height of 3½ feet.

**Souvenir de Antoine Cozy.** This is a perfect gem, and in our estimation the finest gilt-edged variety yet introduced; the flowers are large, with well-rounded petals, which are of intense scarlet crimson, rich and dazzling, and are bordered with a broad rich golden yellow border, and do not fade or scorch in the most intense hot and dry weather, which proves to be the fault with some of the very high-colored varieties; in habit the plant is all that could be desired; being of strong, vigorous but dwarf habit, forming symmetrical compact plants about 3 feet high.

**Price.** Any of the above, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of one each of the Twelve Standard Varieties, \$1 50.

## PLANTS FOR BEDDING.

**Achyranthes**—Colored foliage, somewhat resembling colors for bedding. Red, deep purple and variegated. 10 cts. each; \$1 00 per doz.; \$7 00 per 100.

**Ageratum**—Blue or white. 10 cts. each; \$1.00 per doz.; \$7.00 per 100.

**Agapanthus** (African Lily)—Large clumps. 50 cts. to \$1 00 each.

**Anterichum Vittatum Variegatum**—Long, narrow foliage, striped white; stands well in vases. 15 cts. each; \$1 50 per doz.

**Anthemis Coronaria Double**—Double yellow flowers all summer. 15 cts. each; \$1 50 per doz.

**Alternanthera**—Dwarf foliage plants for carpet bedding; yellow with green and crimson. 6 cts. each; \$5 00 per 100.

**Asparagus Sprengeri**—A new species, good for vases or baskets, 35 cts. each.

**Aspidistra**—Durable decorative plants, long leaves, 50 cts. to \$1.00 each. Variegated leaves same price, but plants are smaller.



**Begonias**—These are more adapted for house plants and belong properly to our fall catalogue, they are frequently planted in the garden for summer. We have a number of varieties, 15 to 25 cts. each.

**Caladiums and Cannas**—See list of summer Bulbs.

**Carnations**—We have them in small plants which will bloom from mid-summer to frost. White, light pink, dark pink, scarlet or red, 15 cts. each; \$1.20 per doz.  
Marguerite Carnations for summer bloom, 25 cts. each.

**Caryopteris Mastacanthus** (Blue Spirea)—Lavender blue; good for bedding or pot culture, 20 cts. each.

**Cobea Scandens**—The well-known rapid climber with bell-shaped purple flowers, 15 cts. each; \$1.50 per doz.

**Coleus**—In variety, 10 cts. each; \$1.00 per doz.; \$7.00 per 100.



Geranium Zonale.



Fuchsia.

**Daisy**—Double white or pink, 10 cts. each; \$1.00 per doz.

**Dahlias**—See list of summer Bulbs.

**Dracaenas** (Cordylina) **Indivisa**—Long green slender foliage for vases; 5-inch pot plants, 50 cts. each.

**Fuchsias**—In variety, 10 cts. each; \$1.00 per doz.

**Feverfews**—Double white flowers, 10 cts. each; \$1.00 per doz.

**Geraniums**—The best varieties of colors, double or single, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Ivy leaf and sweet-scented varieties, 10 cts. each; \$1.00 per doz.

**Hydrangias**—Show plants of pink or white varieties, 25 cts. to \$2.00 each, according to size.

**Heliotropes**—Light lavender and dark blue varieties, 10 cts. each; \$1.00 per doz.

**Lantanas**—White and orange varieties; small plants, 10 cts. each.

**Manetta Cordifolia**—Showy vines, 15 cts. each.

**Pansies**—Choice varieties, 50 cts. per doz.

**Petunias**—Fringed double, 15 cts. each.

**Salvias**—Scarlet one of the most popular bedding plants, 10 cts. each; \$1.00 per doz.; \$8.00 per 100.

**Salvias**—The new yellow foliage variety. 20 cts. each.

**Swansonia Galegifolia**—Large plants 2 feet; flowers like White Sweet Peas; continuous blooming, 35 to 50 cts. each.

**Strobilanthes Dyerianus**—A new foliage plant; metallic purple, 10 cts. each; \$1.00 per doz.

**Verbenas**—Large flowered and best colors, 60 cts. per doz.

**Vinca** (Grave Myrtle)—Green creeper, blue flowers, 25 cts. each.

**Lemon Verbenas**—25 cts. each.

**Tuberose**—Plants in pots, 15 cts. each.

## CLIMBING ROSES.



**The Yellow Rambler** (Aglaia)—The only Yellow Climbing Rose having any considerable degree of hardiness; blooms in splendid large trusses after the fashion of Crimson Rambler; remains in perfect flower three to four weeks; of the same parentage as Crimson Rambler. The triumph of the century in the hybridizing art; the most valuable introduction in many years. Strong thrifty plants, from deep 2½ inch pots, now ready. 75 cts. each; \$7.00 per 10; \$50.00 per 100.

**Crimson Rambler**—This superb novelty is of the Polyantha class and of Japanese origin. The plant is of vigorous growth, making shoots 8 to 10 feet long. For covering trellises, or as a pillar rose, it cannot be excelled. It is also magnificent in bush form. The flowers are produced in large pyramidal trusses, and in color are of the most brilliant crimson, lasting in perfection for two weeks, with their freshness of color unimpaired. Small plants, 25 cts. each; strong, 2-year-old plants, 50 cts. each.



**Manda's Triumph (Manda)**—This grand Rose is of free growth, luxuriant foliage, and produces large clusters of double pure white flowers, 2 inches in diameter, beautifully imbricated and well formed, very sweet scented. 50 cts. each.

**Universal Favorite (Manda)**—This is the most vigorous plant of the set. The long branching shoots are covered with dense bright green foliage. The double flowers are over 2 inches in diameter, and of a beautiful rose color, similar to the Bridesmaid, and deliciously fragrant. A grand variety for any purpose. 50 cts. each.

**South Orange Perfection (Manda)**—This is a gem, growing freely close to the ground, and having multitudes of the most perfectly formed double flowers, about 1½ inches in diameter, soft blush pink at the tips, changing to white. It lasts a long time in perfection. 50 cts. each.

**Pink Roamer (Manda)**—This is without question a Hybrid between the Sweetbrier, and carries these characteristics in bloom, while the growth, which is very rampant, and the luxurious foliage, partake more of the Wichuriana. The single flowers, which are produced in close heads, are nearly two inches in diameter, bright rich pink, with almost a white center, which lightens up the orange-red stamens, producing an effect which, combined with fragrance, makes it one of the most valuable roses in cultivation. 50 cts. each.

**Queen of Prairie and Baltimore Belle**—25 cts. each.



## ROSES—HYBRID PERPETUALS.

For Permanent Rose Beds. Plants on own roots.

**Anna de Diesbach**—Clear bright carmine; very large and finely shaped, full and fragrant.

**Baron de Bonsetettin**—Dark red, almost black; very large, double fragrant flowers; a strong grower.

**Caroline de Sansal**—Clear brilliant rose, merging into rosy lilac.

**Coquette des Alps**—White, center shaded rose, fine form, full center.

**Earl of Dufferin**—Velvety crimson, shaded with maroon, large, full.

**Gen Jacqueminot**—Brilliant scarlet crimson.

**Jules Margottin**—Bright carmine, cupped; very fragrant.

**Magna Charder**—Bright pink, suffused with carmine; a beautiful rose.

**Paul Neyron**—Very large dark rose; the largest rose in cultivation.

**Me Plantier**—Double white in clusters.

2-year-plants, 35 cts. each; \$3.50 per doz.

### SUMMER BLOOMING ROSES.

That will bloom all summer for cutting.

**Clothilde Soupert**—Beautiful pearly white, shaded to rose.

**Hermosa**—Old favorite pink.

**Malmason**—Flesh color; a beautiful rose.

**Nyphetos**—Pure white.

**Perles des Jardens**—Good yellow.

**Bridesmaid**—Pink.

4-inch pot plants, 30 cts. each; \$3.00 per doz.

# ORNAMENTAL SHRUBS.

The variety of flowering shrubs suitable for lawn-planting, is such, that by the proper selection of them, and judicious planting, grounds may be made to look bright and cheerful, from early Spring to late Autumn. Most of the kinds in the following list are hardy, even in the highest latitudes of this country. With few exceptions, they can be transplanted as safely in the Fall as in the Spring, and the same care that is proper in the removal of most kinds of trees, will ensure the successful transplanting of shrubs. These shrubs are peculiarly adapted for planting in places of limited area and the finest effects may be produced quickly and at a comparatively small expense. 50c each; \$5.00 per dozen.

**Almond Double White Flowering**—Medium sized, habit like a Peach. One of the most beautiful early flowering shrubs.

**Almond Double Red Flowering**—A variety with rose-colored flowers.

**Berberry Vulgaris**—Yellow flowers in May or June, followed in fall with orange scarlet fruit. A handsome shrub.

**Berberry Purple Leaved**—Violet colored foliage and fruit. Rich looking and effective.

**Aralia Japonica (Japan Aralia)**. A very interesting dwarf tree; spreading form, large tripinnate leaves, prickly stem and shoots; large trusses of white flowers in summer. Peculiar waving purplish red seed vessels in autumn. 75c.

## CALYCANTHUS.

**Sweet Scented Shrub; Afspace (Calycanthus Floridus)**—There are several species and varieties of this shrub, quite similar to each other. The young wood has a strong aromatic odor; the foliage is luxuriant, and the rare, chocolate-colored, small blossoms are delightfully fragrant with somewhat the odor of fruit. It blooms at intervals during the summer. A peculiar and very desirable shrub, and perfectly hardy.

**Flowering Currant, Golden Flowering (R. Aureum)**—Flowers yellow, very fragrant.

**Elder (Sambucus)**—A well-known shrub, which blossoms in the spring and afterwards is covered with handsome berries; there are several varieties.

**Elder, Golden (S. Aurea)**—A beautiful variety, with light yellow leaves, which hold their color well, and render the plant very conspicuous and effective. Cut leaf and common red berries same price.

## EUONYMUS.

**Burning Bush, Spindle Tree, Strawberry Tree (Euonymus Europeus)**. A very ornamental and showy shrub, whose chief beauty consists in its brilliant red berries, which hang in clusters from the branches until mid-winter. Planted with a background of evergreen, the effect of the contrast is very fine.

**Variegated (Euonymus Radicans Variegata)**—A dwarf plant, with finely variegated foliage fine for edging.

## FILBERT.

**Purple Leaved**—A beautiful shrub or low tree, with very dark purple foliage, which retains its distinctive color until the Fall.

## FORSYTHIA.

**Fortunei**—An upright, broadly spreading shrub, with handsome golden yellow trumpet or bell-shaped flowers, which appear very early in the spring, before the leaf buds have opened.

**Suspensa**—Has a beautiful pendulous habit of growth. The flowering characteristics are similar to that of the Forsythia Fortunei.

**Viridissima**—Similar to the Forsythia Fortunei, except that the flowers appear about a week later.



**FRINGE TREE.**

**Purple, or Venitian Sumach, or Smoke Tree** (*Rhus Continus*)—A very elegant and ornamental large shrub, with curious, hair-like flowers, which being of a pinkish brown color, gives it the name "Purple Fringe" and "Smoke Tree." The blossoms appear in July, sometimes literally cover the tree, and remain all summer.

**White** (*Chionanthus Virginica*)—An entirely different plant from the preceding; has handsome large foliage, and recemes of delicate white flowers that hang like finely cut shreds or fringes of white paper. One of the most beautiful shrubs.

**HYDRANGEA.**

**Large Clustered** (*H. Paniculata Grandiflora*)—A fine shrub, of recent introduction, bearing in August and September, large, showy panicles of white flowers in the greatest profusion. It is quite hardy, and is altogether a most admirable shrub for planting singly on the lawn or in the margin in masses. To produce largest flowers, it should be pruned severely in spring, and the ground enriched.

**Standards**—Grown without lower branches in tree form. \$1.00 each.



A Bunch of Syringa Lilacs.



Philadelphus Syringo.

**HAWTHORN.**

(See ornamental deciduous upright trees.)

**HONEYSUCKLE.**

**Tartarian** (*Lonicera Tartarica*)—The upright or shrub honeysuckle is one of the best shrubs we have. It is a good grower, perfectly hardy and requires but little attention. The flowers are red and pink and have all the daintiness and fragrance of the climbing varieties.

**White Tartarian** (*L. Tartarica flora alba*)—Similar to the foregoing but has creamy white flowers sometimes delicately marked with pink.

For descriptions of the climbing varieties of Honeysuckles see under the head of Hardy Climbing Plants.

### LILAC.

**Common Purple** (*Syringa vulgaris cœrulea*)—A well known, good, old variety.

**Common White** (*S. vulgaris alba*).

**Japanese** (*Syringa Japonica*)—It is found growing only in one small neighborhood in the most northern islands of Japan. It makes a straight, stout, well-branched tree attaining thirty feet in height, very hardy, flowering in midsummer. The thyrses of white flowers measure sixteen to twenty-four inches. It is truly the noblest member of a great family, which are all highly ornamental. Very rare and scarce. \$2.00 each.

**Persian Lilac** (*Syringa Persica*)—The Persian Lilac does not make so large a shrub as the varieties described above, seldom growing over six feet high. The leaves are small and narrow and the flowers of a light purple shade.

**Persian White Lilac**—A white flowering variety similar in other respects to preceding.

**Cut Leaved Persian Lilac**—A beautiful shrub with very handsome cut foliage. The flowers are borne in smaller panicles than those of most lilacs but the effect of the shrub is very pretty and graceful; quite rare. \$1.00 each.

### PÆONY.

**Tree** (*Pæonia Arborea*)—There are a good many varieties of the hardwooded Pæony which are of the highest excellence. The shrub attains a height of three or four feet, and is clothed with large leaves variously lobed and cut; it produces in the spring enormous double or semi-double flowers, similar in general appearance to those of the Herbaceous Pæony, very desirable for a single lawn plant or for the border; very hardy. \$1.00 each.

### PLUM.

**Double Flowering** (*Prunus Triloba*)—An important addition to our hardy shrubs. Flowers resemble somewhat those of the Flowering Almond; semi-double, of a delicate pink color, and closely set on long slender branches.

**Purple Leaved** (*Prunus Pissardi*)—See ornamental Trees.

### PRIVET.

**Common** (*Ligustrum Vulgare*)—Has delicate foliage, pretty white flowers and bunches of black berries; in warmer climates it is an evergreen; the leaves hang on very late. A valuable hedge plant.

**California** (*L. Ovalifolium*)—Has fine glossy foliage; vigorous and hardy.

### QUINCE.

**Japan Scarlet** (*Cydonia*, or *Pyrus Japonica*)—A fine, hardy shrub, bearing very early in the spring a great profusion of large, handsome, bright scarlet flowers; very showy and desirable.

**Philadelphia Coronarius** (Mock Orange or *Syringio*)—Strong growing, rounded habit, hardy foliage, fine, rich and green; pure white, very fragrant flowers in June, slightly resembling those of the apple tree. One of the best.

**P. C. Nanus**, Dwarf Mock Orange—Low and bushy.

**Golden Leaved**—Beautiful yellow leaves, nice bushy plants





Spirea Van Houttei.

Flowers pure white in great clusters and whorls, two or three feet long.

**Billard's** (*S. Billardii*)—Flowers bright red color; blossoms nearly all summer.

**Douglas** (*S. Douglasii*)—Very vigorous; flowers in spikes; pink. July and August.

**Golden** (*S. Opulifolia Aurea*)—A new variety, with handsome broad leaves, which are peculiarly streaked with yellow. It contrasts very finely with the purple-leaved shrubs.

### SNOWBALL.

**Viburnum Opulus Var. Sterilis**—An old favorite and well-known shrub; very showy and vigorous; bears large globular clusters of white flowers.

**High Bush Cranberry** (*V. Opulus*)—Closely resembles the former, but bears red berries, resembling cranberries.

**Plicate Viburnum, or Japan** (*V. Plicatum*)—Very desirable; large white flowers and handsome leaves of peculiar plated appearance. 50 cts.

### SNOW BERRY OR SNOW DROP.

**St. Peter's Wort** (*Symphoricarpus Racemosus*)—A well-known, very hardy shrub with delicate leaves and branches, small pink flowers, and beautiful clusters of snow-white berries, which hang upon the bush nearly all winter.

**Red Fruited** (*S. Racemosus Fruetu Rubro*)—A variety similar to the above. The fruit is smaller, of a bright red color, and is borne in the greatest profusion. The foliage is very dark, often with a decided reddish tinge.

### WEIGELA.

**Candida**—Pure white. This is the best white Weigela.

**Desboisii**—Beautiful deep rose colored flowers.

**Rosea**—Fine colored flowers; one of the best.

**Rosea Nana Variegata**—One of the most conspicuous shrubs that we cultivate; leaves beautifully margined creamy white; flowers pink. It is a dwarf grower and admirably adapted to small lawns or gardens.

## HEDGES.

Hedges of various descriptions are extensively planted in connection with gardens. They are easily trained to take the place of fences, being more durable and cheaper, and certainly the most beautiful. A portion may easily be allowed to grow up at intervals to form a screen. They may be easily grown to exclude boys, chickens or dogs more effectively than any fence manufactured. The variety of beautiful shrubs which may be utilized for this purpose is large, but we quote here a few which are the best adapted for general use. The prices given are very low; delivery made early in April to any address in this city or packed and delivered to any depot without extra charge.

<b>Buck Thorn</b> —2 years, 18 to 24 inches, per 100 plants.....	\$ 6 00
<b>Honey Locust</b> —2 years, 12 to 18 inches, per 100 plants.....	2 00
<b>Osage Orange</b> —2 years, 18 to 24 inches, per 100 plants.....	2 00
<b>Box-Tree</b> —12 to 15 inches, per 100 plants.....	12 00
<b>Barberry</b> —Purple Leaf, 1½ to 2 feet, per 100 plants.....	10 00
<b>Privet</b> —Per 100 plants.....	12 00

We recommend the Honey Locust planted a foot apart. Who can ask for anything cheaper, more beautiful or durable than these for laying out suburban property; they are cheap enough to edge a farm and have all the qualities of a barbed wire, ornamented with fern-like leaves, bearing sweet flowers in early summer.

## HARDY PERENNIAL PLANTS.

A valuable class of hardy plants for permanent borders or gardens, and should be planted in much larger numbers than they are. When once established they increase in beauty from year to year, and require much less care than tender bedding plants.

### COREOPSIS LANCEOLATA.

One of the most useful of hardy-flowering plants for the florist to grow. The flowers are 2 inches across, of the brightest yellow, on long, wiry stems, and are produced in the greatest profusion all through the summer and early autumn. It will grow in any soil, and increase year after year. Strong, field-grown clumps, 10 cts.; \$1.00 per doz.

### AQUILEGIA.

**Vulgaris Alba**—A fine, stately plant, with nodding flowers, borne on slender, stiff stems. Invaluable for spring cutting. Each, 25 cts.

**Fine Mixed Varieties**—Especially suited for florists' trade. Each, 25 cts.

### ANEMONE.

**Japonica Alba**—Of the highest utility for cutting, blooming in autumn, when white flowers are scarce. Flowers 3 inches across; white, with yellow center. Strong plants, 20 cts. each.

**Japonica Rosea**—Rose-colored, yellow center. Strong plants, 20 cts. each.

**Japonica Elegans**—An improved form of the preceding, with semi-double flowers. Strong plants, 20 cts. each.

**Whirlwind**—A grand new variety for florists. Semi-double; sturdy habit; flowers 2½ to 3 inches in diameter, and much more free-flowering than A. Japonica Alba. Strong plants, 25 cts.





**ASTILBE JAPONICA.**

(Spirea Japonica.)

One of the finest of hardy garden plants. When in flower the plants are from 12 to 18 inches high. The flowers are white borne on feathery like spikes; used with other flowers in bouquets or vases they are really beautiful. It is extensively used for forcing for winter flowers by florists. 25 cts.

**DELPHINIUM HYBRIDUM.**

Tall-growing Larkspurs. Flowers in long spikes, in various shades of blue. Strong field-grown plants, 20 cts. each.

**DICENTRA—Dielytra.**

(Fumariaceæ.)

A very ornamental class of border plants, of easiest culture, in moderately rich, light soil. The foliage alone is very ornamental, while the flowers are striking in form and color. 20 cts.

**DELPHINIUM SINENSE.**

These dwarf Larkspurs should be extensively grown by florists. The blue-flowered varieties are the best of their color for summer cutting. The plants are dwarf, growing only 15 to 18 inches high, and bloom very freely all summer and through early autumn. Strong, field-grown plants.

Light Blue Varieties.....	\$o 20
Dark Blue Varieties.....	20
White Varieties.....	20
Mixed Varieties.....	10



Dielytra spectabilis

**HARDY GOLDEN MARGUERITE.**

(Anthemis Tinctoria.)

With us Anthemis Tinctoria begins to bloom early in June and continue without interruption until November, standing wet or dry, hot or cold weather, perfectly; the flowers are 1½ to 2 inches across, pure lemon-yellow, and borne on good long stems, and will last a week after cutting; it is a plant that will give the best of satisfaction. Strong field-grown plants, 10 cts. each; \$1.00 per doz.

**HELIANTHUS MULTIFLORUS PLENUS.**

Golden Gem. The only really pure yellow double sunflower with flowers of medium size. The effect of a single plant is really beautiful, with its very symmetrical growth, its dark green leaves and gold-colored blossoms. The flowers are from 3 to 4 inches in diameter, as double as any double Dahlia, and covering the plant from the ground to the top. It is unsurpassed as a cut flower, at a season when most flowers wilt and fade in a few hours, lasting fully a week or more. It is one of the most desirable plants and should be in every collection. It should have a sunny position and rich soil. 25 cts.

**ACHILLEA.**

**The Pearl**—The grandest white-flowered hardy plant for summer cutting. By far the best of the double Achilleas. 10 cts. each.

**Tomentosa**—Yellow variety, remaining a long time in perfection, and very useful for spring cutting. 25 cts. each; \$1.25 per doz.; \$8.00 per 100.

**HOLLYHOCKS.**

Few hardy plants combine as many good qualities, lend themselves as readily to varied uses, or as free from disease as the Hollyhocks. For planting rows or groups on the lawn, or for interspersing among shrubbery, they are invaluable. The flowers, which are as elegant in shape as a Camelia, form perfect rosettes of most lovely shades. It is not surprising that this old favorite should again become popular; for by careful selection the flowers have been so much improved that they are marvels of beauty and elegance. The Hollyhock requires a rich, deep soil, well drained, and will repay in quantity and elegance of bloom any extra care. A slight protection during winter will be beneficial. 20 cts. each; \$2.00 per doz.

**HEMEROCALLIS FLAVA.**

(Lemon colored Lily.)

A pretty hardy herbaceous plant, with long, narrow leaves; flower stalks 2 to 3 feet high; with a crown of beautiful lemon colored flowers, 3 to 4 inches in diameter, that are delightfully fragrant, 25 cts.

**GAILLARDIA  
GRANDIFLORA.**

This is undoubtedly one of the finest of hardy perennials. They are large, very numerous, produced on long stems and excellent for cutting, and of the most gorgeous coloring. The center is dark red brown, while the petals are variously marked with rings of brilliant scarlet crimson, orange and vermillion, and often a combination of all these colors in one flower. It delights in a rather poor, light soil, blooms in the greatest profusion from June to November. 20 cts. each; 6 for \$1.00; 12 for \$1.50.

**LATHYRUS.**

(Everlasting Pea.)

But few persons have any conception of the beauty of the Everlasting Peas, or of their great value for cutting purposes. They are fine plants for covering the roots of trees on the top of the rookery, for filling odd corners where scarce any other plant would grow.

**L. Lathfolius** (Red Everlasting Pea)—Flowers large, bright red, and produced in great abundance. 25 cts.



**LYCHNIS FLOS CUCULI PLENISSIMA SEMPER FLORENS.**

This is a new variety of *Lychnis* which we offer and it has so many excellent qualities that we are satisfied it will please you.

Dr. L. Wittmach, of Berlin says of this new *Lychnis*: "It is a variety which defies all description as regards rich bloom and the beauty of the delicate rose colored flowers." Only a glance at our illustration, which was made from a photograph of a five months old plant, will give the reader an idea of the wealth of the blossoms. At the Exposition in Eberswalde all the world was delighted with it, and Dr. Hoffman, the Court Gardener, designated it in his report on the Exposition, justly as an extraordinarily valuable novelty. Just as favorably was it judged at Hamburg, and was also shown at Berlin by the Society for the Advancement of Horticulture and was much admired. The plant has also proved to be an excellent Winter bloomer. The originator has flowers from it in profusion during the whole Winter and found that it did not require any special care, but that plants with half developed buds put into the house in late fall can be brought into bloom in four weeks, in a moderately warm house. The flowers will keep well also when cut if the stems are cut off a little each day and care is taken to provide them with fresh water. In fact it is difficult to find another plant which unites so many excellent qualities as this new *Lychnis*, qualities which few if any perennials possess. The plant is perfectly hardy, grows very easily and rapidly and comes in bloom when quite small, forming with its many stalks bushes twelve to eighteen inches high. It is constantly sending out new shoots every one of which produces a number of buds, covering it with innumerable flowers from Spring to Fall. The blossom resembles a beautiful feather ball of fresh rose color and shows in loose, long stemmed clusters which are very useful for the finest and most fashionable bouquets. An important testimony to the value of the plant is the fact that everywhere it has been exhibited it received a prize. At Eberswalde, Eutin, Berlin and Hamburg, it was awarded a silver medal.

Large groups of this *Lychnis* present a wonderful appearance and cannot be too highly recommended for flower gardens on account of its long period of blooming and striking effects. 15c each; \$1.50 per dozen.

**GYPSOPHILLA.**

(CHALK PLANT.)

Reliable plants and worthy of general culture.

**Paniculata**—An effective border plant, forming a symmetrical bush, two feet, covered with white flowers, one of the most elegant of hardy plants for cutting purposes. 20c.

**PYRETHRUM ULIGINOSUM.**

The Giant Autumn blooming Daisy. Grand for tall borders, and unsurpassed for late cutting, coming in as it does, just before *Chrysanthemums*, when flowers are scarce. Strong plants. 10c each; \$1.00 per dozen; \$8.00 per 100.

**HERBACEOUS PÆONIES.**

We have the largest and most varied stock of Herbaceous Pæonies in the country, our collection including upwards of 300 distinct varieties. Although their season is short, Pæonies should be extensively grown by florists for cutting in early summer on account of their large and bright, many colored flowers—dark red, crimson, light rose, dark rose, silvery pink, flesh, white, etc. To color, fine strong plants, \$3.50 per doz; \$25 per 100; mixed colors, in variety, our selection, \$2 per doz; \$15 per 100.

**DOUBLE PYRETHRUMS.**

The double-flowered varieties of *Pyrethrum Roseum* come in a great variety of colors and of several different forms. They range in color from pure white (and this is one of the florist's best white summer flowers), flesh, pale pink and blush to bright carmine, crimson and purple. They are perfectly hardy, and when established are very free bloomers. Choice double-flowered varieties only, including white, \$2 per doz.; \$15 per 100.

**PHALARIS.**

(Ribbon Grass.)

**Variegata**—Spreading grass, 15 cts. each clump.**PHLOX PANICULATA.**

We have a choice and extensive collection of the most desirable varieties of these late blooming hardy plants.

**Choice Collection**, to color—\$1 per doz.; \$6 per 100.**Sabulata** Moss Pink;—Dwarf, with mottled, moss-like foliage, flowering profusely in spring; pink and white varieties. \$1 per doz.; \$6 per 100.**MENTHA.**

(Mint.)

**Canadensi**—Wild Mint. 15 cts. each.**MYOSOTIS.**

(Forget-Me-Not.)

**Dissitiflora**—The Perennial Forget-me-not. Myriads of intense sky blue flowers, most useful in the borders and for edging purposes. 25 cts.**DIANTHUS-PLUMARIUS  
PLENUS.**

The double garden pink, very fragrant. 15 cts. each.

**IRIS-KAEMPFERI.**

A fine mixture of this excellent plant. 15 cts. each; \$1.50 per doz.

**IRIS-GERMANICA.**

Choice selection of distinct varieties to color. 15 cts. each; \$1.50 per doz.

**CAMPANULA-PERSICAEFOLIA**

For cut flowers. Blue, 2 to 3 ft., 25 cts. each; White, 2 to 3 ft., 25 cts. each.



Dianthus—Garden Pink.

**EUPHORBIA COROLLATA.**

Flowers white at the end of the branches; plant with a milky juice. 25 cts. each.

**HELIOPSIS PITCHERIANA.**

A new yellow summer Daisy, perfectly hardy and perpetual bloomer, flowers of great substance; invaluable for cutting. 25 cts. each.

**PAPAVER ORIENTALE.**

(Oriental Poppy.)

Bright scarlet flowers with dark purple spot on the base of each petal. 20 cts. each.

**PENTSTEMON DIGITALIS.**

Fine ornamental plant, tall spikes of white flowers. 25 cts. each.



# HARDY CLIMBERS.

**Akebia Quinata**—Strong plants, 25 cts.

## AMPELOPSIS.

**Veitch's or Japan** (*A. Veitchii*)—"Boston Ivy." This is a species of the Woodbine, recently introduced from Japan, and is not quite hardy here. It grows very rapidly and attaches itself more firmly to walls or trelliswork than the Virginia Creeper. The leaves are small and color up beautifully in autumn, changing to a bright scarlet. A most valuable climber. 25 cts.



*Clematis Paniculata* on a Trellis against a house.

**Engelmanni**—A new climber of great promise, foliage large and abundant, similar to the Virginia Creeper, but quite distinct in having the self-supporting habit of the *Ampelopsis Veitchii*. In this respect and also in brilliancy of coloring in fall it will rival the so-called "Boston Ivy," and as the young plants are much more hardy and vigorous and the foliage and growth decidedly more graceful, it will undoubtedly become a great favorite as soon as known. 35 cts. each.

## BIGNONIA.

**Trumpet Flower** (*Radicans*)—Foliage large, handsome; flowers large, scarlet, trumpet-shaped in August. 50 cts. each.

**ARISTOLOCHIA SIPHO.**

A vigorous and rapid growing climber, bearing singular brownish colored flowers, resembling in shape a Dutchman's pipe. Its flowers, however, are of little value, beside its fine light green leaves, which are of very large size, and retain their color from early spring to late fall; perfectly hardy. Extra strong plants, 50 cts. each; \$5 per doz.

**HONEYSUCKLE.**

There are many varieties of this charming plant which are all very beautiful. The following sorts are recommended as comprising the best. The Honeysuckles are very easy of culture.

**Golden Variegated** (L. Aurea Reticulata)—A Japanese variety, with small oval leaves, dark green, beautifully interlaced with golden veins, which give it a peculiar and very pretty effect. It is of dwarf habit, and particularly well adapted for hanging baskets, vases and conservatory decorations. Hardy in open ground. 20c.

**Hall's Japan Fragrant** (L. Halleana)—A most charming sort, with small white flowers changing to yellow; very fragrant. One of the finest. 20c.

**Monthly Fragrant, or Dutch** (L. Belgica)—Blossoms all through the season and very fragrant; flowers yellow. One of the very best. 20c.

**Scarlet Trumpet, Monthly** (L. Sempervirens)—Very handsome and vigorous, and produces a profusion of scarlet showy flowers. 20c.

**WILD GRAPE.**

**Vitis Labrusca**—Well known; of astonishingly rapid growth, dense foliage and great hardiness. "The delicious fragrance of the wild grape vine, when in bloom, is unsurpassed in delicacy." So says Downing. 35c.

**Cinnamon Vine.** See summer bulbs.

**Chinese Matrimoney Vine**—(Lycium Chinese). 40c each.

**CLEMATIS.**

**Clematis Coccinea**—A very handsome, hardy climber, bearing thick, bell-shaped flowers of a bright coral red color; blooms with wonderful profusion from June until frost. 25c each; 5 for \$1.00.

**Clematis Crispa**—A very beautiful species, bearing an abundance of pretty, bell-shaped, fragrant, lavender flowers with white centre. Blooms from June until frost. 25c each; 5 for \$1.00.

**Paniculata**—A Japanese plant recently introduced to this country and possessing unusually attractive merits. A vine of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets and of a most delicious and penetrating fragrance. These flowers appear in late September, at a season when very few other vines are in bloom, being an added merit of great consequence. The extreme rapidity of its growth, the showy foliage, beautiful and fragrant flowers borne so very freely, and its late blooming nature, united with an entire hardihood, serve to make this one of the very choicest of recent introductions, and indispensable to every private place. Our illustration will serve to better understand it. It is a plant grown for two seasons, and covered a space of 400 square feet. It is a beautiful vine for cutting and for ladies' wear. For this purpose it should be cut a day before using and placed in fresh water. Strong plants, two years old, 40c each.

**Large Flowering Clematis**—The Clematis we offer this season are exceptionally fine strong plants, two years old; we have reduced the number of varieties to such sorts as from experience we know to succeed best in our climate. Many failures in the growing of Clematis are the result of too shallow planting; the crown of the roots should be set at least three inches below the surface of the soil. For covering walls, trellises and verandas, old trees or ruins, they have scarcely an equal, certainly no superior.

**Albert Victor**—Pink, 2 years, 50 cts. each.

**Duchess of Edinburgh**—Double, white, 1 year, 50 cts.

**Henri**—White, one of the very best, 50 cts.

**Jackmanii**—The general favorite, dark, rich purple, 50 cts.

**Lawsoniana**—Lavender, very large, 50 cts.

**Mrs. Bateman**—White, 50 cts.



**HARDY WHITE MOON-FLOWER.**

(Ipomoea Pandurata.)

This is one of the most rapid-growing vines in cultivation, having a large tuberous root that is perfectly hardy. A root three or four years planted, will send up quite a number of strong shoots, that climb rapidly to a height of 30 to 40 feet. These shoots branch freely from the ground up, forming a perfect network of strong branches, densely covered from early summer to late autumn with its large deep green heart-shaped leaves, which overlap each other, forming a dense screen. The flowers, which are very large, are a pure satiny white, with a pinkish purple throat, shading off deeper in the tube. 10 cts. each; \$1 per doz.

**Wistaria**—Chinese purple, 40 cts. each.

**TREES.**

**Alder, Cut-leaf**—One of the most graceful of the cut-leaf trees, is well adapted to moist situations where most trees will not thrive; it will also do well in dry ground. Trees, 5 to 6 feet, 80 cts. each



Cut-Leaved Weeping Birch.

**Apple**—We have several beautiful ornamental varieties of this fine tree. Flowers double; trees 4 to 6 feet high; 75 cts. each.

**Beech, Fern-leaf**—A beautiful tree. Its habit is round and symmetrical, the foliage is deeply cut and of an exquisite shade of light green. During the growing season the young shoots are like tendrils giving the tree a most airy and graceful appearance. Trees 3 to 4 feet high, \$1.50.

—**Weeping**—A very interesting and graceful tree, which, unlike most weeping trees, grows to a considerable height. A fine specimen can be compared to nothing so well as to a huge green fountain. Trees 6 to 7 feet high, \$2.00 each.

—**Purple Leaf**—The finest of the purple-leaved trees. Strong and stocky plants, 3 to 4 feet high, \$1.00 each.

**Birch, European White or Weeping**—A beautiful tree. While young it is an upright sturdy grower; as it grows older the young branches become quite pendulous, producing a very graceful effect. Price, trees 7 to 8 feet high, \$1.00 each.

**Catalpa, Speciosa**—7 to 8 feet, 40 cts. each.

**Elm, American**—10 to 12 feet, \$1.00 each.

**Horse Chestnut, White Flowering**—7 to 8 feet. \$1.00.

**Kentucky Coffee**—3 to 4 feet, 75 cts. each.

**Larch, European**—4 to 5 feet, 50 cts. each.

**Linden, American**—6 to 8 feet, 80 cts. each.

**Maple, Wiers Cut-leaf**—10 to 12 feet, \$1.00.

—**Silver**—9 to 10 feet, 60 cts. each.

—**Hard or Sugar**—7 to 8 feet, \$1.00 each.

—**Ash Leaf or Box Elder**—6 to 8 feet, 60 cts. each.

**Mountain Ash, American**—8 to 10 feet, 60 cts.

**Oak, English**—5 to 6 feet, \$1.00.

**Willow, Golden**—4 to 5 feet, 50 cts. each.

—**Kilmarnock**—2-year heads, 50 cts. each.

—**Wisconsin Weeping**—6 to 8 feet, 40 cts. each.

## FLORISTS' INTERNATIONAL TELEGRAPH-DELIVERY ASSOCIATION.

This we believe to be one of the most useful and greatest enterprises ever undertaken by florists for the accommodation of the public. It was started by us in a small way, but it has proved to be so useful that it has grown to be a very important branch of our business. This Association now extends over Europe and America; it is represented in each of the principal cities by a resident florist. The selection of our representatives has been carefully made, so that we can assure our customers that orders entrusted to us will be executed in the best manner the country or city affords in which delivery is made.

The trade mark is used only by the members of our Association. It is the ambition of this Association to gain the reputation of handling the very best flowers and rendering the best service throughout the world. At the present writing there are a number of European centers not yet associated with us; it will however be but a short time before we can serve you promptly and satisfactorily in all well-traveled countries.

With this system we can deliver an order from Milwaukee to New York or San Francisco the same day; the business is done at both ends by the florist interested. A florist takes the order; a florist fills the order and sees that it is properly delivered. A receipt is taken, which is forwarded to the sender, much the same as a registered letter; you then know that the flowers you ordered have been delivered by a florist who has his reputation at stake in the locality where delivery is made. You can present flowers to friends residing in any other city at any time; you can present flowers to friends who are traveling by knowing the dates of their arrival at different points. We deliver to all steamers, hotels or private residences; or, should you be traveling, we furnish you with letters of credit, which enable you to procure flowers as readily as if you were a resident customer of the florist supplying them. In fact, we are really linked together as one immense concern, for the purpose of accommodating the public in as efficient manner as is possible in all places at all times.

We have lately made arrangements to have special notices sent through ship's mail to passengers to whom we send flowers on board New York steamers, so that there can be no possible chance for them to fail to receive them hereafter.

## MISCELLANEOUS.

### FERTILIZERS.

(BY MAIL. 15 CENTS PER POUND EXTRA.)

**Pure Bone Meal**—For fertilizing the lawn and flower beds. small lots, 5c a pound; 25 pounds, 75c; 50 pounds, \$1.25; 100 pounds, \$2.00; 200 pounds, \$3.50.

**Peruvian Guano**—A standard fertilizer, 10c per pound; 5 pounds for 40c; 10 pounds for 70c; 50 pounds, \$2.75.

**Magic Plant Food**—For house and garden plants, cheap, odorless, clean to handle, always ready for use, will keep any length of time. The Magic Plant food is simply a chemical fertilizer prepared expressly to supply the wants of house and garden plants. It gives the plants their proper nourishment, destroys vermin and is free from all the obnoxious properties of stable manure and guano. The effects of the Magic Plant Food will be seen on common plants in a week or ten days, on woody stem plants not under two or three weeks. The first effects will be to produce a greener, healthier growth. After that more generous flowering. Large size packages, each 30c. Small size packages, each 20c.

**Bowker's Plant Food**—This is a most useful fertilizer for all kinds of plants raised in pots. It produces a rapid and vigorous growth and an abundance of flowers. Odorless and takes the place of liquid manure. It drives insects out of the soil. 15c per pound.

**Excelsior Fertilizer**—Odorless and effective. Directions on each package. Small package, 10c; 3 for 25c.



**INSECT DESTROYERS.**

(THESE CANNOT BE SENT BY MAIL.)



**Hammond's Celebrated Slug Shot**—Guaranteed to destroy potato bugs and those on tomato and egg plants, currant worms, cabbage lice and worms, flea beetles and striped bugs on melons, squash, turnips, beets, onions, etc.; canker worms and caterpillars on fruit and ornamental trees. A preventive of the rose bug and cut worm. Price, 5 cts per pound; by barrel full in bulk, 225 pounds to 260 pounds weight, 4 cts. per pound on cars at Milwaukee. It gives satisfaction.

Write for circulars and testimonials.

**Fir Tree Oil**—Soluble insecticide, effectually destroying all kinds of pests to which plants are subject. Equally effective on animals and is harmless to the skin and hands when used as a wash. Full directions with each bottle. Per quart bottle, \$1.25; pint, 75 cts;  $\frac{1}{2}$  pint, 40 cts.; small bottle, 25 cts.

**Whale Oil Soap**—One of the most effective and cheapest remedies to destroy slugs, worms and other insects on trees, shrubs, garden and house plants. As a general rule, 7 gallons of water to 1 pound of soap is used for applying to foliage. Per 2-pound box, 25 cts; 4 pounds, 50 cts.; 8 pounds, 80 cts.

**Tobacco Soap**—For washing and syringing plants, trees, etc., a valuable preparation.  $\frac{1}{2}$  pound, 25 cts.

**THE MILWAUKEE ROOT PULLER.**

A practical implement for eradicating thistles, dandelions and other obnoxious weeds. It takes the root out. The person using it need not get down on the grass, but standing upright, has only to press his foot on the step and force the jaws into the ground until the step rests upon the surface, and then force the handle over to an angle of 45 degrees and pull the jaws out with the root clamped between them. 75 cts. each.

**WHITNALL'S DANDELION PULLER.**

This tool, although very simple in appearance, is one of the most useful and convenient ever manufactured. If used when the ground is moist it will pull up the dandelions by the roots, making a clean job with ease and rapidity. 25 cts. each.

**CYCLONE POWDER GUNS.**

For applying insect or other powders. Three sizes, at 5 cts., 10 cts. and 20 cts. each.

**LAWN SPRINKLERS.**

50 cts. and upwards, according to size and make.

**SCOLLAY SPRINKLERS.**

Large, \$1.00 each; angle-neck, \$1.00 each.

**LANG'S HANDWEEDER.**

Allows use of hand in working, 25 cts.; by mail, 30 cts.

**EXCELSIOR WEEDER.**

Very useful. Handy to use among young or tender plants, 20 cts.; by mail, 30 cts.

**DIBBERS.**

Steel pointed; for setting out plants or bulbs. Very useful. 50 cts. each; by mail, 60 cts.

**TROWELS.**

**American**—5 inches, 10 cts. each; 6 inches, 15 cts. each.

**Finest Steel**—6 inches, 50 cts. each.

**NEW PLANT TUB.**

Received Highest Award at World's Fair, Chicago, 1893.

Price less than half of any other tub on the market. Those having large plants should not be without it. It supplies a long-felt want for something neat, durable and cheap.

It has steel wire hoops (three times as strong as the flat iron hoop) with welded joints (not riveted as in common ware). These wire hoops are at intervals indented and pressed into the wood, these indentations in hoops, besides preventing them from falling under all circumstances, act also as a spring, expanding or contracting always in accord with the condition of the wood in the tub, so that bursting is impossible.

No. 1, width top 19½ inches, depth 14½ inches .....	\$1 50
No. 2, width top 17 inches, depth 14 inches .....	1 25
No. 3, width top 15 inches, depth 12½ inches .....	1 00
No. 4, width top 14 inches, depth 12 inches .....	75



**CANE STAKES.**

They are the most durable of all and light in both weight and appearance. They average 6 feet long. \$1 00 per 100; 15 cts. per dozen.

**COLUMBIAN FLOWER TUBS.**

These tubs being made of the best pine lumber will keep for years without rotting. They are made of 12 staves in tapered shape, held together by two steel wires, which are connected with substantial iron handles, and so arranged that the wire can be tightened or loosened by simply turning nut on handle. We manufacture them in five sizes as follows:

**No. 1, Plain**—Natural varnish finish on the wood, or if wanted can finish in oil paint.

12 by 11 inches, each.....	\$1 00
15 by 14 " " .....	1 50
18 by 16½ " " .....	2 00
21 by 18½ " " .....	2 50
24 by 20½ " " .....	3 00

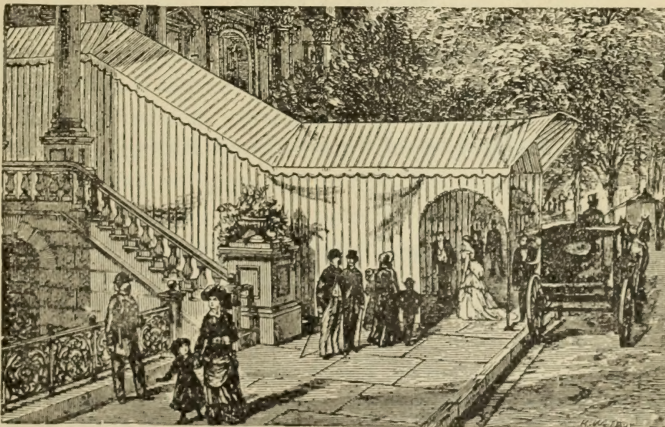
**No. 2, Fancy**—Staves are finished alternately imitation redwood and natural varnish finish.

12 by 11 inches, each.....	\$1 50
15 by 14 " " .....	2 25
18 by 16½ " " .....	3 00
21 by 18½ " " .....	3 75
24 by 20½ " " .....	4 50

**IMPROVED WHITE CEDAR TREE TUBS.**

Made of white cedar and bound with extra iron hoops. Drop-handles of special pattern, serving as hooks for carry poles. Substantial iron legs of original design. Removable perforated bottoms. Painted green. This is the best tub made, and the cheapest where durability is an object. Machine made.

No. 0—Outside diameter, 27 inches; length of stave, 24 inches.....	\$6 75
No. 1— " 25 " " " 22 " .....	5 50
No. 2— " 23 " " " 20 " .....	4 50
No. 3— " 21 " " " 18 " .....	3 85
No. 4— " 18 " " " 16 " .....	3 25
No. 5— " 16 " " " 14 " .....	2 75
No. 6— " 14 " " " 12 " .....	2 30
No. 7— " 13 " " " 11 " .....	2 10
No. 8— " 12 " " " 10 " .....	1 90

**CANOPY.**

For the accommodation of our custom, we will take orders for erecting Canopies for receptions. Charges will be moderate and services the best. We can also loan out one or more large tents for lawn parties.

### WIRE ARCHES.

For edging of beds or walks. Heavy wire, painted green, 60 cts. per doz.

### LAWN ROLLERS.



An almost indispensable article to a well kept lawn. Useful at many seasons of the year. Two sections; the weights keep the handle in proper position. About 150 lbs., \$8.50 each; 300 lbs., \$15.00; 400 lbs., \$18.00.

### LOAM.

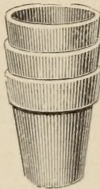
Screened, for spreading over lawn to fill uneven places, \$.25 a load. Color of this loam is gray. If wanted for making flower beds we don't screen it, leaving the turf in, which should be placed at the bottom of bed. For this we charge \$.20 a load. We also deliver a mould of a brownish black color for \$.35 per load. Potting soil, prepared, 50 cts. per bushel.

**Sphagnum Moss**—\$1.00 per bbl.; 15 cts. a peck.

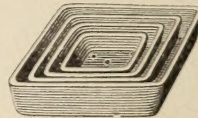
### STANDARD FLOWER POTS.

These pots are all full inside measurement, height and width, which makes them at least one size larger than by the old way of measuring.

Sizes, Height and Width Inside.	Per Doz.	Sizes, Height and Width Inside.	Per Doz.
2 inches.....	\$0 12	7 inches.....	\$1 00
2½ ".....	18	8 ".....	1 30
3 ".....	20	9 ".....	2 50
3½ ".....	25	10 ".....	3 00
4 ".....	30	12 ".....	5 00
5 ".....	40	15 ".....	7 00
6 ".....	60		



Standard.



Square Seed Pans.

### Pot Stands or Saucers.

Sizes.	Per Doz.	Sizes.	Per Doz.
4 inches.....	\$0 25	9 inches.....	\$0 90
5 ".....	30	10 ".....	1 10
6 ".....	40	12 ".....	1 65
7 ".....	55	15 ".....	1 90
8 ".....	65		

### Price List of Square Seed Pans.

Sizes.	Per Doz.	Sizes.	Per Doz.
6x6 inches.....	\$2 50	10x10 inches.....	\$3 50
8x8 ".....	3 00	12x12 ".....	4 50

### PAINTED POT LABELS.

Sizes.	Per 100.	Per 1,000.	Sizes.	Per 100.	Per 1,000.
4 inches.....	\$0 12	\$1 00	6 inches.....	\$0 25	\$1 50
5 ".....	20	1 25	8 ".....	35	3 00

### GRAFTING WAX.

The real Connecticut Yankee article; put up in ¼, ½ and 1 pound packages. It can be relied on as the best in the market. Price, per ¼ pound, 10 cts.; ½ pound, 20 cts.; 1 pound, 35 cts.; 5 pounds, \$1.50; 10 pounds, \$2.50; single pound, prepaid, 50 cts.

### TINFOIL.

Per pound.....20 cts.



# WHITNALL'S

## "VELVET LAWN"

### GRASS SEED.

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Our seed, which we know to be as pure as can be found anywhere, is of the best varieties, suited for even and permanent growth; it is carefully cleaned and as free as it is possible to make it from weeds. Lawn seed as a rule is sold by the quart, which is the most profitable way to the seedsmen, for the more chaff there is in the seed, the more money he will gain in this way. We have always supplied it by the pound, which is equal to about three pints; we charge the same price for a pound as is commonly charged for a quart.

Price "Velvet Lawn", pound, 25 cts.; 5 pounds, \$1.00; bushel, (14 pounds) \$2.75; 2 bushels, \$5.25. One pound of "Velvet Lawn" sows a space of 300 square feet.

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### WHITE CLOVER.

Choice seed, pound, 30 cts.; 3 pounds, 80 cts.; 5 pounds, \$1.35.

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## HOW TO MAKE A LAWN.

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Some previous cultivation, or at least a thorough turning over should be given. A clayey loam is the best foundation for a good lawn. Let the surface be graded to the level wanted in all parts and well rolled—a light raking following this will prepare for the seed sowing, which should be done as early in the spring as the ground can be worked, provided the ground has not already been prepared in the fall. The very best time, the ground being in order, is about April 1st. Three or four bushels per acre should be sown; the latter amount is best, for the young plants are but small, anyway, and if thick, cover the ground better and make a smooth and more even turf. Never sow oats or other grains—you can't assist a weak plant by crowding it with a strong one. Mowing should be done at least once a week in favorable growing weather, and even in dry weather it should be cut twice a month. Do not allow the clippings to remain on the ground, except they are very short.



ANTHEMIS TINCTORIA, or HARDY GOLDEN MARGUERITE.

A Yellow-Flowered Hardy Perennial that blooms freely the entire Summer.

OFFERED BY WHITNALL FLORAL CO.